STIC Scientific and Technical Information Center

Search Report
EIC 3600

STIC Database Tracking Number:

To: VANEL FRENEL
Location: KNX5D01
Art Unit: 3600
Date: September 13, 2009
Case Serial Number: 09/648,861

From: Sylvia Keys
Location: EIC3600
KNX 4B59
Phone: (571) 272-3534
sylvia.keys@uspto.gov

Search Notes

Dear Examiner FRENEL :

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog, the Internet and EBSCO HOST.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

I. Potential References of Interest

A. Dialog

11/3,K/1 (Item 1 from file: 148)
DIALOG(R)File 148: Gale Group Trade & Industry DB

11772405 SUPPLIER NUMBER: 58061578 (USE FORMAT 7 OR 9 FOR FULL TEXT)
TOP 50 EUROPE.
Manufacturing Systems Europe, 2, 5, 22
Sept, 1999
ISSN: 0748-948X LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 32679 LINE COUNT: 02716

... Now we can optimize multiple plants and track raw materials," says Larry Evans, president and CEO of Aspen. The company, known for its services and **modeling** software for the **design** and automation of **process** manufacturing plants, has acquired 14 companies since it went public in 1981. "We've been very successful in acquiring strong technology. The acquisition of Chesapeake...

...Technology serves the chemical, petrochemical, pharmaceuticals, electric power, and pulp & paper markets. Plantelligence, the brand name for Aspen's suite of software and services for **process optimization**, includes Chesapeake's MIMI (manager for interactive modeling interfaces). Now called Aspen MIMI, this integrated decision support platform for production planning & scheduling uses advanced expert...
...generate optimized production schedules and visually scan inventory information to avoid rescheduling and inventory imbalances.

Aspen Engineering Suite, introduced in May, is comprised of Plantelligence **modeling** and **design** products, and Aspen Zyqad, an integrated **process** engineering **system** used as a central data repository for process knowledge. The suite allows engineers to use a consistent model for engineering analysis.

This year Aspen chose...

...enterprise resources planning (ERP) vendor, was recently acquired by The Sage Group, Newcastle, U.K., the $300-million international provider of home-office and small-**business** **accounting** solutions, and is now Sage Tetra, Maidenhead, Berkshire, U.K.

"Tetra provides the new organization with a high-end solution for the manufacturing market," says...back-end systems."

In fact, Singh says, a major initiative i2 launched last fall is designed to do just that. The initiative, called electronic Business **Process Optimization**, or eBPO, resulted in the layering of i2's Rhythm line of planning and scheduling applications in a manner that allows optimizing three core disciplines...t solve well before," Scull says. "Where before you could individually solve manufacturing and maintenance scheduling problems, now you can develop a real schedule that **optimizes** the entire **process**."

OPL Studio includes features such as an on-line model library, database connectivity tools, debugging tools, and an automatic code generator. Like all ILOG products...

...on a wide variety of platforms, including UNIX, Linux, and Microsoft Windows 95, 98 and NT. ILOG also supports the Sun Microsystems' SPARC and Solaris **systems**.

While **optimization** components account for the bulk of the company's license revenues, another key product offering is the ILOG Visualization Suite. "Visualization components create a vivid...purchasing, inventory, distribution, shop-floor control, scheduling, and forecasting. Special modules for the Year 2000-compliant, euro-ready, Web-enabled system support electronic data interchange, **activity**-based costing, landed cost **tracking**, blanket sales orders and releases, projects and contracts,

13/3,K/2 (Item 1 from file: 275)
DIALOG(R)File 275: Gale Group Computer DB(TM)

01301295 SUPPLIER NUMBER: 07424540 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Minifinders. (capsule guide to software packages for the Macintosh) (buyers guide)
MacUser, v5, n8, p219(14)
August, 1989
DOCUMENT TYPE: buyers guide ISSN: 0884-0997 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 21395 LINE COUNT: 01731

Business Accounting

Back to Basics Accounting is a powerful double-entry accounting software package for the small business user with general ledger, accounts receivable, and accounts payable...

...the works. Requires 512K and hard disk. $595. Layered, 529 Main St., Boston, MA 02129. NCP (Dec '86) '86 Eddy

Rags to Riches Professional Billing **tracks** and bills professional services. Batches **activities** for individual timekeepers. Use as a stand-alone, or integrate with R to R modules. Requires 512K or more and printer. $399.95. Chang Labs...only on minicomputer programs. Uses "pop-up" menus to supplement a full set of pull-down menus. Comes with an additional set of printer/plotter/ **monitor drivers**. A real powerhouse.
$1,995. $500 for IEGS module to link to other CAD programs. Bridgeport

Machines, 500 Lindley St., Bridgeport, CT 06606. CP (May...disk is recommended. $60. Casady & Greene, P.O. Box 223779, Carmel, CA 93922. NCP (Jan '89)

STELLA for Business is a simulation tool used to **model** complex business **systems**. Requires that you master a discipline called "**system** dynamics." Requires 512K or more. Mac II version available. $350. High Performance Systems, 13 Dartmouth College Highway, Lyme, NH 03768. NCP (June '88)

SuperExpert is...95. Fifth Generation, 1322 Bell Ave., Tustin, CA 92680. NCP (Dec '87)

Printworks for the Mac is a comprehensive software-based dot-matrix printer control **system**. **Optimizes** printing from different applications and is easy to use. Requires 512K or more. $75. SoftStyle, 7192 Kalanianaole Highway, Honolulu, HI 96825. NCP (Aug '87)

QuicKeys...

13/3,K/5 (Item 4 from file: 275)
DIALOG(R)File 275: Gale Group Computer DB(TM)

01250248 SUPPLIER NUMBER: 06804467 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Minifinders. (column)
MacUser, v4, n8, p266(21)
Aug, 1988
DOCUMENT TYPE: column ISSN: 0884-0997 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 20992 LINE COUNT: 01693

... an icon bar, can be awkward to use. Mac II and color supported. $395. Access Technology, 555C Heritage Harbor, Monterey, CA 93940. NCP (Dec 87)

BUSINESS ACCOUNTING

Accountant, Inc. V. 2.0 integrates accounts payable, accounts receivable, general ledger, and inventory modules. Prints checks, purchase orders, invoices, customized reports. Bare bones accounting...

...512K + and printer. $199.95 per module. Chang Labs, 5300 Stevens Creek Blvd., San Jose, CA 95129. NCP (Dec 85)

Rags to Riches Professional Billing **tracks** and bills professional services. Batches **activities** for individual timekeepers. Use as standalone, or integrate with R to R modules. Requires 512K +, printer. $399.95. Chang Labs, 5300 Stevens Creek Blvd., San...found on minicomputer programs. Uses "pop-up" menus to supplement a full set of pull-down menus. Comes with an additional set of printer/plotter/**monitor drivers**. A real powerhouse. $1995. $500 for IEGS module to link to other CAD programs. Bridgeport Machines, 500 Lindley St., Bridgeport, CT 06606. CP (May 87... 512K+. $395. Microsoft, 16011 NE 36th Way, Redmond, WA 98073-9717. NCP (Aug 87) *'87 Eddy

STELLA for Business is a simulation tool used to

model complex business **systems**.
Requires that your master a discipline called "**system**
dynamics." Requires 512K+. Mac II version available. $350. High Performance
Systems, 13 Dartmouth College Hwy., Lyme, NH 03768. NCP (Jun 88)
SuperExpert is an expert...

...if you can. $249.99. DataPak, 14011 Ventura Blvd., Sherman Oaks, CA
91423. CP (Mar 87)
Front Desk lets small businesses and offices easily keep
track of personnel schedules,
activities, and payments. the program can keep track of
up to 15 employees, functioning as a day-, week-, and month-at-a-glance
calendar. $149.95...95. Fifth Generation, 1322 Bell Avenue, Tustin, CA
92680. NCP (Dec 87)
Printworks for the Mac is a comprehensive software-based dot-matrix
printer control **system**. **Optimizes**
printing from different applications, and easy to use. Requires 512K+. $75.
SoftStyle, 7192 Kalanianaole Hwy., Honolulu, HI 96825. NCP (Aug 87)
Programmer's On-line...or search and replace facilities, making it a
more appropriate tool for learning than development. Documentation and use
of Mac interface are excellent. $64.95. **Optimized**
Systems Software, 1221 B Kentwood Ave., San Jose, CA
95129. NCP (Mar 87)
Prolog/m is a solid Prolog following the Edinburgh standard. Has
extensive debugging...

16/3,K/11 (Item 8 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00784131
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A MULTI-OBJECT FETCH COMPONENT IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR COMPOSANT DE RECUPERATION MULTI-OBJET DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES D'INFORMATIONS
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200116723 A2-A3 20010308 (WO 0116723)
Application: WO 2000US24083 20000831 (PCT/WO US0024083)
Priority Application: US 99386238 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150940

Main International Patent Class (v7): **G06F-009/44**
International Patent Class (v7): **G06F-009/46**
Fulltext Availability:
Detailed Description

Detailed Description
... platforms. These services are typically provided by DBMS vendors and accessed via embedded or call-level SQL variants and supersets. Depending upon the underlying storage **model**, non-SQL access methods may be used instead.

Many of the Netcentric applications are broadcast-type applications, designed to market products and/or publish policies...Business Logic portion of the Netcentric Architecture Framework.

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Interface Logic (3302)
Interface logic interprets and maps the actions of users into business logic processing **activities**.

With the assistance of Presentation Services, Interface logic provides the linkage that allows users to control the flow ...concepts in the business domain (e.g., customers, products, orders, inventory, pricing, credit check, billing, and fraud analysis). This is not the same as data **modeling** because Business Components encapsulate both information and behavior. At this
257
point in the process, an inventory of Business Components is sufficient, along with a...of the parts that make up an application. Fred Brooks, author of The Mythical Man-Month, writes, "...conceptual integrity is the most important consideration in **system** design."
Therefore, components. must be conceptually whole, and they must perform functions that are aligned with their purpose and within their sphere of knowledge. If...

16/3,K/12 (Item 9 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00784126
SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR AN EXCEPTION RESPONSE TABLE IN ENVIRONMENT SERVICES PATTERNS
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A UNE TABLE DE REPONSE D'EXCEPTION DANS DES CONFIGURATIONS DE SERVICES D'ENVIRONNEMENT
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918 , US,
Legal Representative:
HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 38th Floor, 2029 century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116706 A2-A3 20010308 (WO 0116706)
Application: WO 2000US24086 20000831 (PCT/WO US0024086)
Priority Application: US 99387873 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150318

Main International Patent Class (v7): **G06F-009/44**
Fulltext Availability:
Detailed Description

Detailed Description
... exception response table may also include an exception category field for permitting organizing multiple exceptions by source.

In one embodiment of the present invention, an

optimization may be determined that can be made based
on similar entries in the exception response table. Further, the
optimization made may also include classifying the...by providing user
access to these work profiles. Such access can be solely informational -
to allow the user to understand the relationship between tasks, or
identify which tasks need to be completed for a
particular work flow - or navigational - to allow the user to move
between tasks.

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Route Management Services...
14/3,K/5 (Item 5 from file: 2)
DIALOG(R)File 2: INSPEC

07027932
Title: Object oriented design of generic simulation models in hybrid flow shop organizations
Authors(s): Levecq, P.; Botta, V.; Guinet, A.; Artiba, A.
Author Affiliation: CREGI, Mons, Belgium
Book Title: First International Conference on Operations and Quantitative Management
Inclusive Page Numbers: 564-71 vol.2
Publisher: Univ. Baltimore, Baltimore, MD
Country of Publication: USA
Publication Date: 1997
Conference Title: Proceedings of ICOQM '97: 1st Annual Conference on Information System Cluster of ICOQM
Conference Date: 5-8 Jan. 1997
Conference Location: Jaipur, India
Part: vol.2
Number of Pages: 2 vol. 739
Language: English
Subfile(s): C (Computing & Control Engineering); E (Mechanical & Production Engineering)
INSPEC Update Issue: 1998-037

Abstract: ...system is often a very difficult task. It involves the integration of two stages: the analysis and specification of the production system in order to **identify** the production **activity** control problems, and the development of a decision support **system** integrating **optimization** methods and simulation tools. Available tools on the market do not allow the materials manager to simultaneously take care of these two phases. Our research...

...of a decision engineering system helping the materials manager to better control his production resources. Once the system characteristics are specified, the decision engineering system **identifies** the production **activity** control problems, enables to select pre-existing control tools and generates a dynamic model of the production system in order to validate the solution obtained...

Identifiers: object oriented **design**; generic simulation **models**; hybrid flow shop organizations; production control **system**; production **system**; specification; production activity control problems; decision support **system**; **optimization** methods; simulation tools; materials manager; decision engineering system; production resources; dynamic model

II. Inventor Search Results from Dialog

17/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00885085 **Image available**
PRODUCTION AND DISTRIBUTION SUPPLY CHAIN OPTIMIZATION SOFTWARE
LOGICIEL D'OPTIMISATION D'UNE CHAINE D'APPROVISIONNEMENT UTILISEE POUR LA PRODUCTION ET LA DISTRIBUTION
Patent Applicant/Assignee:
SCA TECHNOLOGIES LLC, 357 North Craig Street, Pittsburgh, PA 15213, US, US (Residence), US (Nationality)
Inventor(s):
SARTHI Samarth, 401 Amberson Avenue #147, Pittsburgh, PA 15232, US,
VISWESWARAN Viswanathan, 701 Summerlea Street, Pittsburgh, PA 15232, US,
Legal Representative:
PENCOSKE Edward L (agent), Thorp Reed & Armstrong, LLP, One Oxford Center, 14th Floor, 301 Grant Street, Pittsburgh, PA 15219, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200219209 A2 20020307 (WO 0219209)
Application: WO 2001US26437 20010824 (PCT/WO US0126437)
Priority Application: US 2000648861 20000825
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU CN IN JP NZ SG
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 4377

Inventor(s):
SARTHI Samarth, ...

...**VISWESWARAN Viswanathan**,
Patent Applicant/Inventor:
Fulltext Availability:
Detailed Description

Detailed Description
Production and Distribution
Supply Chain Optimization Software
Background of the Invention
Field of the Invention
The present invention is directed generally to the field of **business accounting** systems and, more particularly, to methods and apparatus for optimizing production and distribution supply chains as well as other complex systems.

Description of the Background...
...for such large enterprises is a very complex system and, unfortunately, is a result more of history than of a deliberate effort to build an **optimized system**. After the supply chain is in place, decisions tend to he localized such that their impact on the entire supply chain is not known until...

...so complex and poorly understood, that even with historical operational data, it is often not known how best to change operations to move the entire **system** to a more **optimized** condition.

Current business techniques, such as activity based costing, provide a more reliable way of viewing a company's operations. In activity based costing, the...

...not take into account non-economic considerations. Supply chains can have various non-economic measures of perforinance, which may or may not be important in **optimizing** the **system**. Some examples of these would include.

a. Product freshness: This measure is particularly important in supply chains in the food industry (for example, fast food...

...present invention is directed to a method of modeling a complex system or process, the model produced by such a method, and a method of **optimizing** a complex **system** or **process** by **optimizing** such a model.
Turning first to the method of modeling, the first step is to identify the activities that comprise the system or process. Measurable...costs, cycle time, end products, and the like for the entire chain visible and understandable.

Finally, the present invention is directed to a method of **optimizing** a **system** or **process**. That is accomplished by **optimizing** the model constructed as described above for certain selected objectives. The model can be modified by changing constraints thus enabling the user to run through...Usually, the "dependent decisions" or decisions that depend from the supply chain design (such as number of manufacturing lines, vendor DC alignment etc.) can be **optimized** for the least **system** cost if the user desires.

While the present invention has been described in conjunction with preferred embodiments thereof, those of ordinary skill in the art...

17/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00731902 **Image available**
METHOD TO CONTROL A LUBRICANT PRODUCTION
PROCEDE DE COMMANDE DE PRODUCTION DE LUBRIFIANT
Patent Applicant/Assignee:
MOBIL OIL CORPORATION, 3225 Gallows Road, Fairfax, VA 22037, US, US (Residence), US (Nationality)
Inventor(s):
GLEESON James William, 13 Thatcher Court, Sewell, NJ 08080, US,
HEANEY William Francis, 19 Pheasant Drive, Mount Laurel, NJ 08054, US,
SANCHEZ Eugenio, 23 Sirius Court, Sewell, NJ 08080, US,
VISWESWARAN Viswanathan, 7421 Frankford Road, #1122, Dallas, TX 75252, US,
Legal Representative:
GRIFFIS Andrew B (et al) (agent), ExxonMobil Chimical Company, P.O. Box 2149, Baytown, TX 77522-2149, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200045228 A1 20000803 (WO 0045228)
Application: WO 2000US2093 20000127 (PCT/WO US0002093)
Priority Application: US 99240976 19990129; US 99240027 19990129
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11435

Inventor(s):
... **VISWESWARAN Viswanathan**,
Patent Applicant/Inventor:
Fulltext Availability:
Detailed Description

Detailed Description
... to complete. Changes in process conditions also require re-approval with additional bench and engine testing. The high cost of bench and engine testing discourages **optimization** of **process** conditions on all io but the most frequently run crudes. In addition, the need to streamline this system has become increasingly important as a result...

17/3,K/3 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0012417793
WPI ACC NO: 2002-362202/200239
XRPX Acc No: N2002-283120
Process optimization method for use
in production and distribution supply chain optimization, generates a
computer model of the **process** and
optimizes the model
Patent Assignee: SCA TECHNOLOGIES LLC (SCAT-N)
Inventor: **SARTHI S**; **VISWESWARAN V**
Patent Family (3 patents, 25 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2002019209	A2	20020307	WO 2001US26437	A	20010824	200239 B
AU 200186706	A	20020313	AU 200186706	A	20010824	200249 E
AU 2001286706	A8	20051006	AU 2001286706	A	20010824	200612 E

Priority Applications (no., kind, date): US 2000648861 A 20000825

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002019209	A2	EN	19	5	

National Designated States,Original: AU CN IN JP NZ SG
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

AU 200186706	A	EN	Based on OPI patent WO 2002019209
AU 2001286706	A8	EN	Based on OPI patent WO 2002019209

Process optimization method for use
in production and distribution supply chain optimization, generates a
computer model of the **process** and
optimizes the model
Inventor: **SARTHI S**...

...**VISWESWARAN V**

Alerting Abstract ...NOVELTY - Model of the **process**
for **optimization** is generated by identifying activities
that comprise the process (44), identifying key drivers for each activity
(46), costing said drivers (48), representing relationships between drivers
...

...and modelling the process as a function of the relationships (52,54,56).
Parameters in the model can be optimized to provide a means of
optimizing the associated **process**.

...allows the user to modify it to see the impact of changes to the chain's performance, thus the user can compare different alternatives allowing **optimization** of the **process**.

Original Publication Data by Authority

Argentina

Assignee name & address:
Inventor name & address:
VISWESWARAN V...

...**SARTHI S**...

...**VISWESWARAN, Viswanathan**
Examiner:
Original Abstracts:
The present invention is directed to a method of modeling a complex system, the model produced by such a method, and a method of **optimizing** a complex **system** **by optimizing** such **a** model. **The** first step in the modeling method is to identify the activities that comprise the process. Measurable drivers for each activity are identified. The costs associated ...
...model (function) thus produced is an expresion of the entire process in terms of variables that are drivers for more than one activity within the **process**. **Optimizing** the modeled **process is** accomplished by **optimizing** the model constructed **as** described above for certain selected objective(s). The model can be modified by changing constraints thus enabling the user to run through a large number...
Claims:

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III. Patent Files from Dialog

A. All Databases

File 324:GERMAN PATENTS FULLTEXT 1967-200937
(c) 2009 UNIVENTIO/THOMSON
File 348:EUROPEAN PATENTS 1978-200936
(c) 2009 European Patent Office
File 349:PCT FULLTEXT 1979-2009/UB=20090910|UT=20090903
(c) 2009 WIPO/Thomson
File 344:Chinese Patents Abs Jan 1985-2006/Jan
(c) 2006 European Patent Office
File 347:JAPIO Dec 1976-2009/May(Updated 090903)
(c) 2009 JPO & JAPIO
File 350:Derwent WPIX 1963-2009/UD=200958
(c) 2009 Thomson Reuters
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

? **ds**

Set	Items	Description
S1	178	BUSINESS()ACCOUNTING
S2	78314	(OPTIMIZ? OR OPTMIS?)(5N)(SYSTEM? ? OR PROCESS OR PROCESSES)
S3	1790056	DRIVER? ? OR ACTIVITY OR ACTIVITIES
S4	2868	COST()COMPONENT? ?
S5	75112	(S3 OR S4)(5N)(IDENTIFY? OR IDENTIFIES OR TRACK? OR MONITOR? OR ACKNOWLEDG? OR VALIDAT?)
S6	211157	(MODEL OR MODELS OR MODELING)(10N)(FUNCTION OR FUNCTIONS OR PROCESS OR SYSTEM? ?)
S7	11149	S6(5N)(CREATE OR CREATES OR CREATING OR DESIGN OR DESIGNS OR DESIGNING)
S8	9	AU=(SARTHI, S? OR SARTHI S? OR VISWESWARAN, V? OR VISWESWARAN V? OR SAMARTH(2N)SARTHI OR VISWANATHAN(2N)VISWESWARAN)
S9	0	S1(10N)S2
S10	9	S1 AND S2
S11	5	S10 AND S5
S12	4	S11 AND S7
S13	301	S2(S)S5
S14	21	S13(S)S7
S15	21	S14 NOT S12
S16	15	S15 AND IC=G06F
S17	3	S8 AND (S1 OR S2)

?

12/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

01435247

CONSISTENT SET OF INTERFACES DERIVED FROM A BUSINESS OBJECT MODEL
ENSEMBLE D'INTERFACES COHERENT DERIVE D'UN MODELE D'OBJETS COMMERCIAUX
Patent Applicant/Assignee:
SAP AG, Dietmar-Hopp-Allee 16, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
SEUBERT Michael, Volgelsangstr. 10, 74889 Sinsheim, DE, DE (Residence), DE (Nationality),
RASCH Jochen, Freiherr-vom-Stein-Str. 6, 69207 Sandhausen, DE, DE (Residence), DE (Nationality),
KUEHL Axel, Kurpfalzstr. 58, 69226 Nussloch, DE, DE (Residence), DE (Nationality),
BECKER Dirk, Roter Weg 37, 74934 Reichartshausen, DE, DE (Residence), DE (Nationality),
BIEHLER Markus, Am Schloessel 1, 76829 Landau, DE, DE (Residence), DE (Nationality),
BOCK Daniel, Fritz-Frey-Strasse 5, 69121 Heidelberg, DE, DE (Residence), DE (Nationality),
BROSSLER Andreas, Laerchenstr. 19, 74211 Leingarten, DE, DE (Residence), DE (Nationality),
COLLE Renzo, Oppelner Strasse 2, 76437 Rastatt, DE, DE (Residence), DE (Nationality),
DELEDDA Giovani, Im Holder 7, 69231 Rauenberg, DE, -- (Residence), -- (Nationality),
DIELSCHNEIDER Ralf, Bangalore, IN, IN (Residence), DE (Nationality),
DOERNER Robert, Dieselstrasse 1, 63071 Offenbach, DE, DE (Residence), DE (Nationality),
DROUIN Phillippe, Merianstrasse 9, 74889 Sinsheim, DE, DE (Residence), DE (Nationality),
EGETOFT Karsten, Beethovenstr. 3/5, 69168 Wiesloch, DE, DE (Residence), DE (Nationality),
FRANKE Stefan, Delmer Bogen 24a, 21614 Buxtehude, DE, DE (Residence), DE (Nationality),
GNAN Wernere, Industriestrasse 7, 74918 Angelbachtal, DE, DE (Residence), DE (Nationality),
GOLDMANN Daniel, Schwindstrasse 3, 68163 Mannheim, DE, DE (Residence), DE (Nationality),
GROSS Antonia, Hermann-loens-strasse 24, 69226 Nussloch, DE, DE (Residence), DE (Nationality),
GROSS Patrick, Steinmetzweg 34, 64625 Bensheim, DE, DE (Residence), DE (Nationality),
HARTMANN Nils, Panoramastr. 134, 69126 Heidelberg, DE, DE (Residence), DE (Nationality),
HETZER Stephan, Am Hardweg 9, 76684 Oestringen-Eichelberg, DE, DE (Residence), DE (Nationality),
HOFMANN Christine, Links der Alb 18, 76199 Karlsruhe, DE, DE (Residence), DE (Nationality),
KEMMER Johann, Schillerstr. 24, 69242 Muehlhausen, DE, DE (Residence), DE (Nationality),
KENNTNER Joachim, Saarstrasse 5, 69126 Heidelberg, DE, DE (Residence), DE (Nationality),
KIWON Adam, Gehaegestr. 20c, 30655 Hannover, DE, DE (Residence), DE (Nationality),

KOESTER Arndt, Merianstrasse 18, 69168 Wiesloch, DE, DE (Residence), DE (Nationality),
KRAEHMER Thilo, Friedrich-Ebert-Anlage 41, 69117 Heidelberg, DE, DE (Residence), DE (Nationality),
KROMPHOLZ Andreas, Untere Neckarstrasse 50, 69117 Heidelber, DE, DE (Residence), DE (Nationality),
KUSTER Corinne, Rettigheimer Str. 32, 69242 Muehlhausen/Kraichgau, DE, DE (Residence), DE (Nationality),
LOTZ Marcus, Am Lieschenfeld 35, 66121 Saarbruecken, DE, DE (Residence), DE (Nationality),
MAKRIS Otto, Hirtenaue 50, 69118 Heidelberg, DE, DE (Residence), DE (Nationality),
NN Ramesh, # No.528/7, 12th 'A' Cross, A-sector, Yelahanka, New Town, 560064 Bangalore, IN, IN (Residence), IN (Nationality),
NOWOTNY Dietmar, Kraichgaustr. 41 A, 69234 Dielheim, DE, DE (Residence), DE (Nationality),
OPPERT Till, Knodestrasse 26, 67549 Worms, DE, DE (Residence), DE (Nationality),
PETER Markus, Viktoriastrasse 25, 68789 St. Leon-rot, DE, DE (Residence), DE (Nationality),
PODHAJSKY Georg, Germerheimer Str. 5, 76661 Philippsburg-Rheinsheim, DE, DE (Residence), DE (Nationality),
RADCKE Ruediger, Varoskuti ut 17A, 1125 Budapest, HU, HU (Residence), DE (Nationality),
REDMANN Michael, Im Riegel 2, 69190 Walldorf, DE, DE (Residence), DE (Nationality),
REINEMUTH Frank, Atzelbuckelstr. 12, 68259 Mannheim, DE, DE (Residence), DE (Nationality),
SALA Paola, Marktplatz 6, 69117 Heidelberg, DE, DE (Residence), IT (Nationality),
SCHUELER Arnulf, Blumenstrasse 43, 69115 Heidelberg, DE, DE (Residence), DE (Nationality),
SCHULZE Dagmar, Happelstr. 4, 69120 Heidelberg, DE, DE (Residence), DE (Nationality),
SIEVERS Ralf, Gartenstr. 7, 69190 Walldorf, DE, DE (Residence), DE (Nationality),
STEPHAN Jan, Tillystrasse 24, 76669 Bad Schoenborn, DE, DE (Residence), DE (Nationality),
STOTZ Sergej, Sperlingweg 17, 69168 Wiesloch, DE, DE (Residence), DE (Nationality),
THOME Frank, Nebeniusstrasse 33, 76137 Karlsruhe, DE, DE (Residence), DE (Nationality),
WAGNER Andre, In der Kappisau 3a, 74889 Sinsheim, DE, DE (Residence), DE (Nationality),
WEISS Burkhard, Hesselgasse 5, 69168 Wiesloch, DE, DE (Residence), DE (Nationality),
WINKEL Rudolf, Heidelberger Str. 95, 69190 Walldorf, DE, DE (Residence), DE (Nationality),
ZADRO Renato, Hofaecker 6, 68782 Bruehl, DE, DE (Residence), DE (Nationality),
ZIEMENDORF Brit, Bellenstrasse 12, 68163 Mannheim, DE, DE (Residence), DE (Nationality),
Legal Representative:

SCHIUMA Daniele et al (agent), Muller-Bore & Partner, Grafinger Strasse 2, 81671 Munich, DE
Patent and Priority Information (Country, Number, Date):
Patent: WO 2006117680 A2 20061109 (WO 06117680)
Application: WO 2006IB1401 20060227 (PCT/WO IB2006001401)
Priority Application: US 2005656598 20050225; WO 2005US19961 20050603; US 2005145464 20050603; WO 2005US21481 20050617; US 2005155368 20050617; WO 2005US22137 20050624; US 2005166065 20050624; US 2005729480 20051021 ; US 2006364538 20060227
Designated States:
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AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
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Fulltext Availability:
Detailed Description

Detailed Description
... message choreography for Invoice Due interfaces in accordance with methods and systems consistent with the subject matter described herein; FIGS. 402A-M depict a data **model** for Invoice Due Message in accordance with methods and **systems** consistent with the subject matter described herein; FIG. 403 depicts a data model for Invoice Due Cancellation Message in accordance with methods and systems consistent...a flow diagram of the overall steps performed by methods and systems consistent with the subject matter described herein. Initially, to generate the business object **model**, **design** engineers study the details of a business **process**, and **model** the business **process** using a "business scenario" (step 100). The business scenario identifies thc steps S performed by the different business entities during a business process. Thus, the...

...Confirmation 318 to the supplier. The supplier uses an Invoice Confirmation In interface 320 to receive the invoice Confinnation 318.

Returning to Fig. 1, after **creating** the **process** interaction, **model**, the developers **create** a "message choreography" (step 104), which depicts the messages transmitted between the two components in the

process interaction model. The developers then represent the transmission ...

...delivered, and sends a message 478 to the SCP 410 indicating that the goods have been delivered. The SCE 408 then sends an Inventory Change **Accounting** Notification 480 to Accounting 402, and an Inventory Change Notification 482 to the SCP 410. The FC 412 sends an Invoice Due Notification 484 to...

...performed entirely by a computer, including being performed by either hardware, software, or any other combination thereof.

B. Implementation Details As discussed above, methods and **systems** consistent with the subject matter described herein **create** consistent interfaces by generating the interfaces from a business object model. Details regarding the creation of the business object model, the generation of an interface...used to identify the product and schemeAgencyID="MPL 002" indicates that the scheme was assigned by the business system "MPL 002." The structure of CDT **Business** Transaction Document Product 6600 is depicted in Figure 66. For the CDT Business Transaction Document Product 6600, the Object Class is **Business** Transaction Document Product 6602, and the RepresentationIAssociation is Details 6604.

For the Internal ID 6606, the Category is Element 6608, the Object Class is Business...for a contact person. GDI' CoutactPersonID 9200 is a natural person who is the contact person during the executftin of business processes. GDT ContactPersonID 9200 **identifies** the coutact person and the contact person's address. An example of GDT ContactPersonID 9200 is: & lt; ContactPersonID schemeID="PartyID" schemeAgencyID='< scherneAgencySchemeAgencyID?ZZZ... 300?>

12/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

01357270 **Image available**
CONSISTENT SET OF INTERFACES DERIVED FROM A BUSINESS OBJECT MODEL
ENSEMBLE COHERENT D'INTERFACES DERIVEES D'UN MODELE D'OBJET COMMERCIAL
Patent Applicant/Assignee:
SAP AG, Dietmar-Hopp-Allee 16, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
SEUBERT Michael, Vogelsangstr. 10, 74889 Sinsheim, DE, DE (Residence), DE (Nationality), (Designated for all)
ADELMANN Stefan, Tannhaeuserring 104, 68199 Mannheim, DE, DE (Residence), DE (Nationality), (Designated for all)
ALVAREZ Gabriel, Heinrich-boell-strasse 23, 68766 Hockenheim, DE, DE (Residence), US (Nationality), (Designated for all)

BOCK Daniel, Fritz-Frey-Str. 5, 69121 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
BOLD Andreas, Hartmannstr. 28, 67063 Ludwigshafen, DE, DE (Residence), DE (Nationality), (Designated for all)
BROSSLER Andreas, Am Schoepfspfad 4, 69251 Gaiberg, DE, DE (Residence), DE (Nationality), (Designated for all)
BUCHMANN Daniel, Reetzstr. 19, 76327 Pfinztal, DE, DE (Residence), DE (Nationality), (Designated for all)
COLLE Renzo, Oppelner Str. 2, 76437 Rastatt, DE, DE (Residence), DE (Nationality), (Designated for all)
DOERNER Robert, Dieselstr. 1, 63071 Offenbach, DE, DE (Residence), DE (Nationality), (Designated for all)
ELFNER Stefan, Amselgasse 6, 69121 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
FRANKE Stefan, Delmer Bogen 24a, 21614 Buxtehude, DE, DE (Residence), DE (Nationality), (Designated for all)
GNAN Werner, Industriestrasse 7, 74918 Angelbachtal, DE, DE (Residence), DE (Nationality), (Designated for all)
GROSS Antonia, Leipziger Str. 1, 69181 Leimen, DE, DE (Residence), DE (Nationality), (Designated for all)
GSCHWENDER Gerhard, Brookefields, Kundanahalli, 56037 Bangalore, DE, DE (Residence), DE (Nationality), (Designated for all)
HENDRICKS Joerg, 111 Duke Street, Montreal, QCH3C 2 M1, CA, CA (Residence), DE (Nationality), (Designated for all)
HENGEVOSS Wolf, Alte Heerstr. 1, 69168 Wiesloch, DE, DE (Residence), DE (Nationality), (Designated for all)
HETZER Stephan, Wiesenweg 13, 74918 Angelbachtal, DE, DE (Residence), DE (Nationality), (Designated for all)
HOFMANN Christine, Schlehdornweg 51, 69469 Weinheim, DE, DE (Residence), DE (Nationality), (Designated for all)
JAECK Volker, Hinter Der Muehle 31, 69226 Nussloch, DE, DE (Residence), DE (Nationality), (Designated for all)
KELNBERGER Bernhard, Burgunderweg 2, 69231 Rauenberg, DE, DE (Residence), DE (Nationality), (Designated for all)
KEMMER Johann, Schillerstr. 24, 69242 Muehlhausen, DE, DE (Residence), DE (Nationality), (Designated for all)
KENNTNER Joachim, Saarstr. 5, 69126 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
KIWON Adam, Gehaegestr. 20c, 30655 Hannover, DE, DE (Residence), DE (Nationality), (Designated for all)
KOETTER Karsten, Heinrich-Fuchs-Str. 36, 69126 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
KRAEHMER Thilo, Friedrich-Ebert-Anlage 41, 69117 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
KUEHL Axel, Kurpfalzstr. 58, 69226 Nussloch, DE, DE (Residence), DE (Nationality), (Designated for all)
KUSTER Corinne, Rettigheimer Str. 32, 69242 Muehlhausen/Kraichgau, DE, DE (Residence), CH (Nationality), (Designated for all)
LEHNER Christoph, Hildastr. 9, 69115 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
LIEBOLD Werner, Haselweg 2/2, 69168 Wiesloch, DE, DE (Residence), DE (Nationality), (Designated for all)
MAKRIS Otto, Hirtenaue 50, 69118 Heidelberg, DE, DE (Residence), GR

(Nationality), (Designated for all)
MORSCH Andreas, Nietzschestrasse 36, 68165 Mannheim, DE, DE (Residence), DE (Nationality), (Designated for all)
NIESWAND Wolfgang, Heinrich-Luebke-Weg 14, 69242 Muehlhausen, DE, DE (Residence), DE (Nationality), (Designated for all)
NIETSCHKE Thomas, Sinsheimer Str. 79, 69226 Nussloch, DE, DE (Residence), DE (Nationality), (Designated for all)
NOWOTNY Dietmar, Kraichgaustr. 41a, 69234 Dielheim, DE, DE (Residence), DE (Nationality), (Designated for all)
PETER Markus, Viktoriastr. 25, 68789 St. Leon-Rot, DE, DE (Residence), DE (Nationality), (Designated for all)
PODHAJSKY Georg, Germerheimerstr. 5, 76661 Philippsburg, DE, DE (Residence), DE (Nationality), (Designated for all)
POETSCHKE Dominic, Theodor-Heuss-Str. 5, 76275 Ettlingen, DE, DE (Residence), DE (Nationality), (Designated for all)
RADCKE Ruediger, Viktoriastrasse 4, 76646 Bruchsal, DE, DE (Residence), DE (Nationality), (Designated for all)
RASCH Jochen, Freiherr-vom-Stein-Str. 6, 69207 Sandhausen, DE, DE (Residence), DE (Nationality), (Designated for all)
RIEKEN Gregor, Erlenweg 12, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (Designated for all)
RIPP Volker, Robert-Blum-Str. 4, 68199 Mannheim, DE, DE (Residence), DE (Nationality), (Designated for all)
RITTER Gerd, Schwetzingerstr. 91, 69124 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
SALA Paola, Marktplatz 6, 69117 Heidelberg, DE, DE (Residence), IT (Nationality), (Designated for all)
SCHAPLER Daniela, Goethestr. 22, 68789 St. Leon-Rot, DE, DE (Residence), DE (Nationality), (Designated for all)
SCHMITT Matthias, Ernst-Rehm-Str. 7, 69124 Heidelberg, DE, DE (Residence) , DE (Nationality), (Designated for all)
SCHNEIDER Andreas, V. Heyl Str. 4g, 67240 Bobenheim-Roxheim, DE, DE (Residence), DE (Nationality), (Designated for all)
SCHUELER Arnulf, Hildastr. 19a, 69115 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
SEYLER Reiner, Unterm Moosgarten 14, 74933 Neidenstein, DE, DE (Residence), DE (Nationality), (Designated for all)
SIEVERS Ralf, Gartenstr. 7, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (Designated for all)
STUHEC Gunther, Friedrichstrasse 10, 69117 Heidelberg, DE, DE (Residence) , AT (Nationality), (Designated for all)
THOME Frank, Nebeniusstrasse 33, 76137 Karlsruhe, DE, DE (Residence), DE (Nationality), (Designated for all)
WAGNER Andre, Burghaeldeweg 38A, 74889 Sinsheim, DE, DE (Residence), DE (Nationality), (Designated for all)
WINKEL Rudolf, Heidelberger Str. 95, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (Designated for all)
YU Tao, Carl-Spitzwegstrasse 9A, 69190 Walldorf, DE, DE (Residence), CN (Nationality), (Designated for all)
ZACHMANN Jens, Dudenhofer Strasse 4, 67346 Speyer, DE, DE (Residence), DE (Nationality), (Designated for all)
ZADRO Renato, Helmhotz Str. 42, 68723 Schwetzingen, DE, DE (Residence), HR (Nationality), (Designated for all)

ZIMMERMANN Theo, Adolph-Pfisterer-Strasse 31, 69168 Wiesloch, DE, DE (Residence), DE (Nationality), (Designated for all)
MAAG Thomas, 68799 Reilingen, DE, DE (Residence), -- (Nationality), (Designated for all)
GROSSMANN Toralf, 69168 Wiesloch, DE, DE (Residence), -- (Nationality), (Designated for all)
ZOELLER Michael, 69231 Rauenberg, DE, DE (Residence), -- (Nationality), (Designated for all)
Legal Representative:
FISH & RICHARDSON PC (agent), P.O. Box 1022, Minneapolis, MN 55440-1022, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200638924 A2-A3 20060413 (WO 0638924)
Application: WO 2005US21481 20050617 (PCT/WO US2005021481)
Priority Application: US 2004581252 20040618; US 2004582949 20040625; US 2005656598 20050225; US 2005669310 20050407; US 2005145464 20050603; WO 2005US19961 20050603
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
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Fulltext Word Count: 343308

Fulltext Availability:
Detailed Description

Detailed Description
... a hierarchy in accordance with methods and systems consistent with the present invention; FIGS. 266A-B depict a flow diagram of the steps performed to **create** a business object **model** in accordance with methods and **systems** consistent with the present invention; FIGS. 267A-NN depict the business object model in accordance with methods and systems consistent with the present invention; FIG...
...1 depicts a flow diagram of the overall steps performed by methods and systems consistent with the present invention. Initially, to generate the business object **model**, **design** engineers study the details of a business **process**, and **model** the business **process** using a "business scenario" (step 100). The business scenario identifies the

steps performed by the different business entities during a business process. Thus, the business...

...Confirmation 318 to the supplier. The supplier uses an Invoice ConfIrmation In interface 320 to receive the Invoice Confirmation 318.

Returning to Fig. 1, after **creating** the **process** interaction **model**, the developers **create** a "message choreography" (step 104), which depicts the messages transmitted between the two components in the process interaction model. The developers then represent the transmission ...being performed by either hardware, software, or any other combination thereof.

B. Implementation Details
As discussed above, methods and systems consistent with the present invention **create** consistent interfaces by generating the interfaces from a business object **model**.
Details regarding the creation of the business object model, the generation of an interface from the business object model, and the use of an interface...Fig. 21 depicts the message choreography of Invoice Accounting and Payment Due.

The Invoice Accounting and Payment Due choreography involves three components.

Invoicing/Billing 2102, **Accounting** 2104 and Payment 2106.

- 42 Invoicing/Billing 2102 sends an InvoiceAccountingNotification message 2108 to Accounting 2104. The message type 21 10 of the InvoiceAccountingNotification message...is standardized, then schemeID 5202 identifies the message type, schemeAgencyll) 5204 identifies the standardized ID for the agency that generates the MessageID, and schemeAgencySchemeAgencyID 5206 **identifies** the agency from DE 3055 that manages the standardized ID schemeAgencyId. If a Sender is unknown because it is not given by SenderParty and identification... 6926, the Property is Item Identification 6928, the Representation/Association term is Identifier 6930, the Type term is GDT 6932, and the Type Name is **Business** Transaction Document Item ID 6934. The Cardinality is from zero to n 6936. The business process role of the issuer of the referenced document does ...

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DIALOG(R)File 349: PCT FULLTEXT

01329846 **Image available**
CONSISTENT SET OF INTERFACES DERIVED FROM A BUSINESS OBJECT MODEL
ENSEMBLE D'INTERFACES COHERENT DERIVE D'UN MODELE D'OBJETS COMMERCIAUX
Patent Applicant/Inventor:
SEUBERT Michael, Vogelsangstr. 10, 74889 Sinsheim, DE, DE (Residence), DE (Nationality), (Designated for all)
ADELMANN Stefan, Tannhaeuserring 104, 68199 Mannheim, DE, DE (Residence), DE (Nationality), (Designated for all)
ALVAREZ Gabriel, Heinrich-Boell-Strasse 23, 68766 Hockenheim, DE, DE (Residence), US (Nationality), (Designated for all)
BIEHLER Markus, Am Schloessel 1, 76829 Landau, DE, DE (Residence), DE (Nationality), (Designated for all)
BOCK Daniel, Fritz-Frey-Str. 5, 69121 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
BOLD Andreas, Hartmannstr. 28, 67063 Ludwigshafen, DE, DE (Residence), DE (Nationality), (Designated for all)
BROSSLER Andreas, Am Schoepfspfad 4, 69251 Gaiberg, DE, DE (Residence), DE (Nationality), (Designated for all)
BUCHMANN Daniel, Reetzstr. 19, 76327 Pfinztal, DE, DE (Residence), DE (Nationality), (Designated for all)
COLLE Renzo, Oppelner Str. 2, 76437 Rastatt, DE, DE (Residence), DE (Nationality), (Designated for all)
DOERNER Robert, Dieselstr. 1, 63071 Offenbach, DE, DE (Residence), DE (Nationality), (Designated for all)
ELFNER Stefan, Amselgasse 6, 69121 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
FRANKE Stefan, Delmer Bogen 24a, 21614 Buxtehude, DE, DE (Residence), DE (Nationality), (Designated for all)
GEISER Harald, Ladenburger Str. 7, 68723 Plankstadt, DE, DE (Residence), DE (Nationality), (Designated for all)
GOLL Michael, Burgstr. 49, 69121 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
GNAN Werner, Industriestrasse 7, 74918 Angelbachtal, DE, DE (Residence), DE (Nationality), (Designated for all)
GROSS Antonia, Leipziger Str. 1, 69181 Leimen, DE, DE (Residence), DE (Nationality), (Designated for all)
GROSS Patrick, Steinmetzweg 34, 64625 Bensheim, DE, DE (Residence), DE (Nationality), (Designated for all)
GSCHWENDER Gerhard, BrookeFields, Kundanahalli, 56037 Bangalore, DE, DE (Residence), DE (Nationality), (Designated for all)
HENDRICKS Joerg, 111 Duke Street, Montreal, Quebec QCH3C 2 M1, CA, CA (Residence), DE (Nationality), (Designated for all)
HENGEVOSS Wolf, Alte Heerstr. 1, 69168 Wiesloch, DE, DE (Residence), DE (Nationality), (Designated for all)
HETZER Stephan, Wiesenweg 13, 74918 Angelbachtal, DE, DE (Residence), DE (Nationality), (Designated for all)
HOFMANN Christine, Schlehdornweg 51, 69469 Weinheim, DE, DE (Residence), DE (Nationality), (Designated for all)
JAECK Volker, Hinter der Muehle 31, 69226 Nussloch, DE, DE (Residence), DE (Nationality), (Designated for all)
KELNBERGER Bernhard, Burgunderweg 2, 69231 Rauenberg, DE, DE (Residence), DE (Nationality), (Designated for all)

KEMMER Johann, Schillerstr. 24, 69242 Muehlhausen, DE, DE (Residence), DE (Nationality), (Designated for all)
KIWON Adam, Gehaegestr. 20C, 69190 Hannover, DE, DE (Residence), DE (Nationality), (Designated for all)
KOETTER Karsten, Heinrich-Fuchs-Str. 36, 69126 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
KRAEHMER Thilo, Friedrich-Ebert-Anlage 41, 69117 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
KUEHL Axel, Kurpfalzstr. 58, 69226 Nussloch, DE, DE (Residence), DE (Nationality), (Designated for all)
KUSTER Corinne, Rettigheimer Str. 32, 69242 Muehlhausen/Kraichgau, DE, DE (Residence), DE (Nationality), (Designated for all)
LEHNER Christoph, Hildastr. 9, 69115 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
LIEBOLD Werner, Haselweg 2/2, 69168 Wiesloch, DE, DE (Residence), DE (Nationality), (Designated for all)
MAKRIS Otto, Hirtenaue 50, 69118 Heidelberg, DE, DE (Residence), GR (Nationality), (Designated for all)
MORSCH Andreas, Nietzschestrasse 36, 68165 Mannheim, DE, DE (Residence), DE (Nationality), (Designated for all)
NOWOTNY Dietmar, Kraichgaustr. 41a, 69234 Dielheim, DE, DE (Residence), DE (Nationality), (Designated for all)
NIETSCHKE Thomas, Sinsheimer Str. 79, 69226 Nussloch, DE, DE (Residence), DE (Nationality), (Designated for all)
NIESWAND Wolfgang, Heinrich-Luebke-Weg 14, 69242 Muehlhausen, DE, DE (Residence), DE (Nationality), (Designated for all)
PODHAJSKY Georg, Germerheimerstr. 5, 76661 Philippsburg, DE, DE (Residence), DE (Nationality), (Designated for all)
POETSCHKE Dominic, Theodor-Heuss-Str. 5, 76275 Ettlingen, DE, DE (Residence), DE (Nationality), (Designated for all)
PYKA Uwe, Seewaldstr. 1, 74889 Sinsheim-Hilsbach, DE, DE (Residence), DE (Nationality), (Designated for all)
RADCKE Ruediger, Viktoriastrasse 4, 76646 Bruchsal, DE, DE (Residence), DE (Nationality), (Designated for all)
RASCH Jochen, Freiherr-vom-Stein-Str. 6, 69207 Sandhausen, DE, DE (Residence), DE (Nationality), (Designated for all)
REINEMUTH Frank, Waldpforte 116, 68305 Mannheim, DE, DE (Residence), DE (Nationality), (Designated for all)
RIEKEN Gregor, Erlenweg 12, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (Designated for all)
RIPP Volker, Robert-Blum-Str. 4, 68199 Mannheim, DE, DE (Residence), DE (Nationality), (Designated for all)
RITTER Gerd, Schwetzingerstr. 91, 69124 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated for all)
SALA Paola, Marktplatz 6, 69117 Heidelberg, DE, DE (Residence), IT (Nationality), (Designated for all)
SCHAPLER Daniela, Goethestr. 22, 68789 St. Leon-Rot, DE, DE (Residence), DE (Nationality), (Designated for all)
SCHMITT Matthias, Ernst-Rehm-Str. 7, 69124 Heidelberg, DE, DE (Residence) , DE (Nationality), (Designated for all)
SCHNEIDER Andreas, v. Heyl Str. 4g, 67240 Bobenheim-Roxheim, DE, DE (Residence), DE (Nationality), (Designated for all)
SCHUELER Arnulf, Hildastr. 19a, 69115 Heilderberg, DE, DE (Residence), DE

(Nationality), (Designated for all)
SCHULZE Dagmar, Einsteinstrasse 23, 68789 St. Leon - Rot, DE, DE (Residence), DE (Nationality), (Designated for all)
SEILER Reinhard, Unterm Moosgarten 14, 74933 Neidenstein, DE, DE (Residence), DE (Nationality), (Designated for all)
SIEVERS Ralf, Gartenstr. 7, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (Designated for all)
STUHEC Gunther, Friedrichstrasse 10, 69117 Heidelberg, DE, DE (Residence), AT (Nationality), (Designated for all)
THOME Frank, Nebeniusstrasse 33, 76137 Karisruhe, DE, DE (Residence), DE (Nationality), (Designated for all)
WAGNER Andre, Burghaldeweg 38A, 74889 Sinsheim, DE, DE (Residence), DE (Nationality), (Designated for all)
WINKEL Rudolph, Heidelberger Str. 95, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (Designated for all)
YU Tao, Carl-Spitzwegstrasse 9A, 69190 Walldorf, DE, DE (Residence), CN (Nationality), (Designated for all)
ZACHMANN Jens, Dudenhofer Strasse 4, 67346 Speyer, DE, DE (Residence), DE (Nationality), (Designated for all)
ZADRO Renato, Helmholtzstr. 42, 68723 Schwetzingen, DE, DE (Residence), HR (Nationality), (Designated for all)
ZIMMERNANN Theo, Adolf-Pfisterer-Str. 31, 69168 Wiesloch, DE, DE (Residence), DE (Nationality), (Designated for all)
COLLE Renzo, Oppelner Str. 2, 76437 Rastatt, DE, DE (Residence), DE (Nationality), (Designated for all)
Legal Representative:
SAITO Marina N et al (agent), 8000 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200612160 A2-A3 20060202 (WO 0612160)
Application: WO 2005US22137 20050624 (PCT/WO US2005022137)
Priority Application: US 2004582949 20040625; US 2005145464 20050603; WO 2005US19961 20050603; WO 2005US21481 20050617; US 2005155368 20050617
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 378186

Fulltext Availability:
Detailed Description

Detailed Description
... for different purposes and because each business entity may use semantics that differ from the other business entities. For example, one program may relate to **accounting**, another 5 program may relate to manufacturing, and a third program may relate to inventory control.

Similarly, one program may identify merchandise using the name...
...a hierarchy in accordance with methods and systems consistent with the present invention; FIGS. 266A-B depict a flow diagram of the steps performed to **create** a business object **model** in accordance with methods and **systems** consistent with the present invention; FIGS. 267A-NN depict the business object model in accordance with methods and systems consistent with the present invention; FIG...

...in accordance with methods and systems consistent with the present invention; FIG. 272 depicts the entity template for the party package from the business object **model** in accordance with methods and **systems** consistent with the present invention; FIG. 273 depicts the entity template for the party package of FIG. 272 after removal of an entity in accordance...

...depicts the message choreography for the RFQ interfaces in accordance with methods and systems consistent with the present invention; FIGS. 302A-K depict the data **model** for the RFQ interfaces in accordance with methods and **systems** consistent with the present invention; FIG. 303 depicts the data **model** for the RFQ Cancellation interfaces in accordance with methods and **systems** consistent with the present invention; FIGS. 304A-J depict the data model for the Quote interfaces in accordance with methods and systems consistent with the present invention; FIGS. 305A-D depict the data **model** for the RFQ Result interfaces in accordance with methods and **systems** consistent with the present invention; FIGS. 306A-0 depict the element structure for the RFQ interfaces in accordance with methods and systems consistent with the...1 depicts a flow diagram of the overall steps performed by methods and systems consistent with the present invention. Initially, to generate the business object **model**, **design** engineers study the details of a business **process**, and **model** the business **process** using a "business scenario" (step I 00). The business scenario identifies the steps performed by the different business entities during a business

process. Thus, the...

...318 to the supplier.
The supplier uses an Invoice Confirmation In interface 320 to receive the Invoice Confirmation 318.

20 Returning to Fig. 1, after **creating** the **process** interaction **model**, the developers **create** a message choreography"(step 104), which depicts the messages- -transmitted-between the two components in the process interaction model. The developers then represent the transmission...

...forecasts).

- 24
Code Name Description
0142 Product Forecast A ProductForecastRevisionNotification is a notification Revision Notification about the revision of future product demands (forecasts).

0145 Product **Activity** A ProductActivityNotification is a message which Notification communicates product-related-activities -of a-buyerAo a vendor. Based on this, the vendor can perform supply planning...quantity to a set of account assignment objects. The amount or quantity is assigned to account assignment objects of the GDT AccountingObjectSet 3700 according to **accounting** rules. For example, expenses from the purchase of office materials can be transferred to Accounting once the incoming invoice for the materials has been checked...product Discontinuation Indicator 6672A, The Cardinality is zero or one 6673A.

For the Package Quantity 6674A, the Category is Element 6675A, the Object Class is **Business** Transaction Document Product 6676A, the Property Qualifier is Package 6677A, the Property is Quantity 6678A, the Representation/Association is Quantity 6679A, the Type term isGDT6680A...

...6926, the Property is Item Identification 6928, the Representation/Association term is Identifier 6930, the Type term is GDT 6932, and the Type Name is **Business** Transaction Document Item ID 6934. The Cardinality is from zero to n 6936.

The business process role of the issuer of the referenced document does ...Service Entry. A service entry is an entry for the type and scope of services provided by a seller. The entry is the basis for **creating** an invoice. A ServiceAcknowledRementRecluest message can be sent based on the entry.

3 0 A GDT BusinessTransactionTypeCode 7700 may be used to provide accounting with...

12/3,K/4 (Item 4 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

01315544
CONSISTENT SET OF INTERFACES DERIVED FROM A BUSINESS OBJECT MODEL
ENSEMBLE D'INTERFACES COHERENT DERIVE D'UN MODELE D'OBJETS DE COMMERCE
Patent Applicant/Assignee:
SAP AG, Neurottstrasse 16, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
SEUBERT Michael, Vogelsangstrasse 10, 74889 Sinsheim, DE, DE (Residence), DE (Nationality), (Designated only for: US)
RASCH Jochen, Freiherr-vom-Stein-Strasse 6, 69207 Sandhausen, DE, DE (Residence), DE (Nationality), (Designated only for: US)
KUEHL Axel, Kurpfalzstrasse 58, 69226 Nussloch, DE, DE (Residence), DE (Nationality), (Designated only for: US)
WAGNER Andre, Burghaldeweg 38A, 74889 Sinsheim, DE, DE (Residence), DE (Nationality), (Designated only for: US)
BOLD Andreas, Hartmannstrasse 28, 67063 Ludwigshfen, DE, DE (Residence), DE (Nationality), (Designated only for: US)
BROSSLER Andreas, Am Schoepfspfad 4, 69251 Gaiberg, DE, DE (Residence), DE (Nationality), (Designated only for: US)
MORSCH Andreas, Nietzschestrasse 36, 68165 Mannheim, DE, DE (Residence), DE (Nationality), (Designated only for: US)
SCHNEIDER Andreas, v. Heyl Strasse 4g, 67240 Bobenheim-Roxheim, DE, DE (Residence), DE (Nationality), (Designated only for: US)
GROSS Antonia, Leipziger Strasse 1, 69181 Leimen, DE, DE (Residence), DE (Nationality), (Designated only for: US)
SCHULER Arnulf, Hildastrasse 19a, 69115 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated only for: US)
KEINBERGER Bernhard, Burgunderweg 2, 69231 Rauenberg, DE, DE (Residence), DE (Nationality), (Designated only for: US)
HOFMANN Christine, Schlehdornweg 51, 69469 Weinheim, DE, DE (Residence), DE (Nationality), (Designated only for: US)
LEHNER Christoph, Hildastrasse 9, 69115 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated only for: US)
KUSTER Corinne, Rettigheimer Strasse 32, 69242 Muhlhausen/Kraichgau, DE, DE (Residence), CH (Nationality), (Designated only for: US)
BUCHMANN Daniel, Reetzstrasse 19, 76237 Pfinztal, DE, DE (Residence), DE (Nationality), (Designated only for: US)
SCHAPLER Daniela, Gothestr. 22, 68789 St. Leon-Rot, DE, DE (Residence), AT (Nationality), (Designated only for: US)
POTSCHKE Dominic, Theodor-Heub-Strasse 5, 76275 Ettlingen, DE, DE (Residence), DE (Nationality), (Designated only for: US)
THOME Frank, Nebeniusstrasse 33, 76137 Karisruhe, DE, DE (Residence), DE (Nationality), (Designated only for: US)

ALVAREZ Gabriel, Heinrich-Boll-Strabe 23, 68766 Hockenheim, DE, DE (Residence), US (Nationality), (Designated only for: US)
PODHAJSKY Georg, Germerheimerstrasse 5, 76661 Philippsburg, DE, DE (Residence), DE (Nationality), (Designated only for: US)
RITTER Gerd, Schwetzingerstrasse 91, 69124 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated only for: US)
GSCHWENDER Gerhard, BrookeFields, Kundanahalli, Bangalore 560 037, IN, IN (Residence), DE (Nationality), (Designated only for: US)
RIEKEN Gregor, Erlenweg 12, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (Designated only for: US)
STUHEC Gunther, Friedrichstrasse 10, 69117 Heidelberg, DE, DE (Residence), AT (Nationality), (Designated only for: US)
ZACHMANN Jens, Dudenhofer Strasse 4, 67346 Speyer, DE, DE (Residence), DE (Nationality), (Designated only for: US)
KENNTNER Joachim, Saastrasse 5, 69126 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated only for: US)
KEMMER Johann, Schillerstrasse 24, 69242 Muhlhausen, DE, DE (Residence), DE (Nationality), (Designated only for: US)
HENDRICKS Joerg, 111 Duke Street, Montreal QCH3C 2M1, CA, CA (Residence), DE (Nationality), (Designated only for: US)
KOTTER Karsten, Heinrich-Fuchs-Strasse 36, 69126 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated only for: US)
SCHMITT Matthias, Ernst-Rehm-Strasse 7, 69124 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated only for: US)
MAKRIS Otto, Hirtenaue 50, 69118 Heidelberg, DE, DE (Residence), GR (Nationality), (Designated only for: US)
SALA Paola, Markplatz 6, 69117 Heidelberg, DE, DE (Residence), IT (Nationality), (Designated only for: US)
SIEVERS Ralf, Gartenstrasse 7, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (Designated only for: US)
COLLE Renzo, Oppeiner Strasse 2, 76437 Rastatt, DE, DE (Residence), DE (Nationality), (Designated only for: US)
RADCKE Rudiger, Viktoriastrabe 4, 76646 Bruchsal, DE, DE (Residence), DE (Nationality), (Designated only for: US)
WINKEL Rudolph, Heidelbere Strasse 95, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (Designated only for: US)
ELFNER Stefan, Amselgasse 6, 69121 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated only for: US)
HETZER Stephan, Wiesenweg 13, 74918 Angelbachtal, DE, DE (Residence), DE (Nationality), (Designated only for: US)
YU Tao, Carl-Spitzwegstrasse 9A, 69190 Walldorf, DE, DE (Residence), DE (Nationality), (Designated only for: US)
ZIMMERMANN Theo, Adolph-Pfisterer-Strasse 31, 69168 Wiesloch, DE, DE (Residence), DE (Nationality), (Designated only for: US)
KRAHMER Thilo, Friedrich-Ebert-Anlage 41, 69117 Heidelberg, DE, DE (Residence), DE (Nationality), (Designated only for: US)
NIETSCHKE Thomas, Sinsheimer Strasse 79, 69226 Nussloch, DE, DE (Residence), DE (Nationality), (Designated only for: US)
JAECK Volker, Hinter de Muhle 31, 69226 Nubloch, DE, DE (Residence), DE (Nationality), (Designated only for: US)
GNAN Werner, Industriestrasse 7, 74918 Angelbachtal, DE, DE (Residence), DE (Nationality), (Designated only for: US)
HENGEVOSS Wolf, Alte Heestrasse 1, 69168 Wiesloch, DE, DE (Residence), DE

(Nationality), (Designated only for: US)
NIESWAND Wolfgang, Heinrich-Lubke-Weg 14, 69242 Muhlhausen, DE, DE (Residence), DE (Nationality), (Designated only for: US)
PYKA Uwe, Seewaldstrasse 1, 74889 Sinsheim-Hilsbach, DE, DE (Residence), DE (Nationality), (Designated only for: US)
BIEHLER Markus, Am Schlossel 1, 76829 Landau, DE, DE (Residence), DE (Nationality), (Designated only for: US)
MARKUS Peter, Viktoriastrasse 25, 68789 St. Leon - Rot, DE, DE (Residence), DE (Nationality), (Designated only for: US)
SCHULZE Dagmar, Einsteinstrasse 23, 68789 St. Leon - Rot, DE, DE (Residence), DE (Nationality), (Designated only for: US)
ZOLLER Michael, -- (Residence), -- (Nationality), (Designated only for: US)
MAAG Thomas, -- (Residence), -- (Nationality), (Designated only for: US)
GROSSMAN Toralf, -- (Residence), -- (Nationality), (Designated only for: US)
Legal Representative:
SAITO Marina N (et al) (agent), Sonnenschein Nath & Rosenthal LLP, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 2005122078 A2 20051222 (WO 05122078)
Application: WO 2005US19961 20050603 (PCT/WO US05019961)
Priority Application: US 2004577453 20040604; US 2004581252 20040618; US 2004582949 20040625; US 2005656598 20050225; US 2005669310 20050407; US 2005145464 20050603
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 216131

Fulltext Availability:
Detailed Description

Detailed Description
... Model Shared by Heterogeneous Applications," filed on June 25, 2004.

U.S. Patent Application No. 60/656,598, entitled "Interfaces Derived from a Business Object **Model** Shared by Heterogeneous Applications," filed on February 25, 2005.

U.S. Patent Application No. 60/669,310, entitled "Interfaces Derived from a Business Object Model...

...standard. Thus, there is a need for the harmonization of interfaces across these standards and across various industries.

IV. Suminga Of The Invention
Methods and **systems** consistent with the present invention facilitate e-commerce by providing consistent interfaces that can be used during a business transaction. Such business entities may include...

...a message choreography of an Invoice in accordance with methods and systems consistent with the present invention; FIG. 21 depicts a message choreography of Invoice **Accounting** and Payment Due in 1 5 accordance with methods and systems consistent with the present invention; FIG. 22 depicts a message choreography of Tax Due...
...a hierarchy in accordance with methods and systems consistent with the present invention; FIGS. 266A-B depict a flow diagram of the steps performed to **create** a business object **model** in accordance with methods and **systems** consistent with the present invention; FIGS. 267A-NN depict the business object model in accordance with methods and systems consistent with the present invention; FIG...

...are suitable for use across industries, across businesses, and across different departments within a business during a business transaction. To generate consistent interfaces, methods and **systems** consistent with the present invention utilize a business object **model**, which reflects the data that will be used during a given business transaction. An example of a business transaction is the exchange of purchase orders...

...I depicts a flow diagram of the overall steps performed by methods and systems consistent with the present invention. Initially, to generate the business object **model**, **design** engineers study the details of a business **process**, and **model** the business **process** using a "business scenario" (step 100). The business scenario identifies the steps performed by the different business entities during a business process. Thus, the business...

...a Maintenance I 0 Repair Operation ("MRO") Procurement 200. The developers use these scenario variant models to depict the individual process steps performed by the **business** entities during the business process.

For an MRO Procurement, the customer initially processes an internal request (step 202). The internal request corresponds to the customer...

...Confirmation 318 to the supplier. The supplier uses an Invoice Confirmation In interface 320 to receive the Invoice Confirmation 318.

Returning to Fig. 1, after **creating** the **process** interaction **model**, the developers **create** a "message choreography" (step 104), which depicts the messages transmitted between the two components in the process interaction model. The developers then represent the transmission ...the CAT 804. The message type 822 of the CataloguePublicationConfirmation message 820 is 0083, i.e., the confirmation of the Catalogue Search Engine (the publishing **system**) to the Catalogue Authoring whether the publication or deletion of a Catalogue requested by a CataloguePublicationRequest 812 was successful or not.

The CAT 804 sends...

...a PurchaseOrderInformation message 1218 to the FC 1206.

The message type 1220 of the PurchaseOrderInformation message 1218 is 0120, i.e., information from a purchasing **system** for interested recipients about the current state of a purchase order when **creating** or changing a purchase order, confirming a purchase order or canceling a purchase order.

The FC 1206 sends the PurchaseOrderInformation message 1222 to the SCP...

16/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348: EUROPEAN PATENTS

02615076
Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren zur Verwaltung sicherer Transaktionen und zum Schutz der elektronischen Rechte
Systemes et procedes de gestion de transactions securisees et de protection des droits electroniques
PATENT ASSIGNEE:
Intertrust Technologies Corp, (7745470), 955 Stewart Drive, Sunnyvale CA 94085-3913, (US), (Applicant designated States: all)
INVENTOR:
Ginter, Karl, L., 10404 43rd Avenue, Beltsville MD 20705, (US)
Shear, Victor, H., 5203 Battery Lane, Bethesda MD 20814, (US)
Spahn, Francis, J., 2410 Edwards Avenue, El Cerrito CA 94530, (US)
Van Wie, David, M., P.O. Box 5610, Eugene OR 97405, (US)
LEGAL REPRESENTATIVE:
Williams, Michael Ian (92852), fj Cleveland 40-43 Chancery Lane, London WC2A 1JQ, (GB)
PATENT (CC, No, Kind, Date): EP 2015214 A2 090114 (Basic)
APPLICATION (CC, No, Date): EP 2008105555 960213;
PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 861461 (EP 96922371)
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G06F-0021/00 A I F B 20060101 20081124 H EP
ABSTRACT WORD COUNT: 88
NOTE:
Figure number on first page: 80

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) 200903 613
SPEC A (English) 200903 194827
Total word count - document A 195440
Total word count - document B 0
Total word count - documents A + B 195440

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G06F-0021/00 A I F B 20060101 20081124 H EP

...SPECIFICATION to the information required and/or manipulated by one or more load modules 1100, or other component elements. Such an application program may also include **functions** for **creating** and/or manipulating UDE(s) 1200, MDE(s) 1202, or other component elements, subassemblies, etc.
Components within component assemblies 690 may be "reused" to form...

16/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348: EUROPEAN PATENTS

02470278
Systems and methods for secure transaction management and electronic rights protection
Systeme und Verfahren fur sichere Transaktionsverwaltung und elektronischen Rechteschutz
Systemes et procedes de gestion de transaction securisee et de protection des droits electroniques
PATENT ASSIGNEE:
Intertrust Technologies Corp, (7745470), 955 Stewart Drive, Sunnyvale CA 94085-3913, (US), (Applicant designated States: all)
INVENTOR:
Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)

Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)
Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)
Van Wie, David M., PO Box 5610, Eugene, OR 97405, (US)
LEGAL REPRESENTATIVE:
Williams, Michael Ian (92852), fj Cleveland, 40-43 Chancery Lane, London WC2A 1JQ, (GB)
PATENT (CC, No, Kind, Date): EP 1923814 A2 080521 (Basic)
EP 1923814 A3 080625
APPLICATION (CC, No, Date): EP 2008100047 960213;
PRIORITY (CC, No, Date): US 388107 950213
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 861461 (EP 96922371)
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G06F-0021/00 A I F B 20060101 20080417 H EP
ABSTRACT WORD COUNT: 142
NOTE:
Figure number on first page: 79

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) 200821 904
SPEC A (English) 200821 194811
Total word count - document A 195747
Total word count - document B 0
Total word count - documents A + B 195747

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G06F-0021/00 A I F B 20060101 20080417 H EP

...SPECIFICATION a "senior" party, or it may be a process amongst equal parties who individually assert their agreement. Agreement may also result from an automated electronic **process** during which terms and conditions are "evaluated" by certain VDE participant control information that assesses whether certain other electronic terms and conditions attached to content...creation (including placing control information on content), secure object distribution and management (including distribution control information, financial related, and other usage analysis), client internal VDE **activities** administration and control, security management, user interfaces, payment disbursement, and clearinghouse related functions. These components are designed to support highly secure, uniform, consistent, and standardized ...requirements (if any) that they use to form their design approach, specifications, and actual implementations. This approach could lead to a "seamless" integration of VDE **functions** and capabilities by threading metering/transaction management functionality throughout the **system design** and implementation.

The second approach would involve taking an existing set of API

(Application Programmer Interface) functions, and incorporating references in the operating system code...

16/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348: EUROPEAN PATENTS

02038564
Secure transaction management
Sicheres Transaktionsmanagement
Gestion de transactions securisees
PATENT ASSIGNEE:
Intertrust Technologies Corp., (2434323), 955 Stewart Drive, Sunnyvale, CA 94085, (US), (Applicant designated States: all)
INVENTOR:
Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)
Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)
Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)
Van Wie, David M., 51430 Williamette Street 6, Eugene, OR 97401, (US)
LEGAL REPRESENTATIVE:
Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn , London WC1V 6BX, (GB)
PATENT (CC, No, Kind, Date): EP 1643340 A2 060405 (Basic)
EP 1643340 A3 060531
APPLICATION (CC, No, Date): EP 2005077923 960213;
PRIORITY (CC, No, Date): US 388107 950213
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 861461 (EP 96922371)
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
G06F-0001/00 A I F B 20060101 20060213 H EP
ABSTRACT WORD COUNT: 147
NOTE:
Figure number on first page: 5b

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) 200614 2171
SPEC A (English) 200614 193720
Total word count - document A 195924
Total word count - document B 0
Total word count - documents A + B 195924

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:
G06F-0001/00 A I F B 20060101 20060213 H EP

...SPECIFICATION increments of logically related information.
VDE supports as many simultaneous predefined increment types as may be practical for a given type of content and business **model**.
) securely store at a user's site potentially highly detailed information reflective of a user's usage of a variety of different content segment types...specifications, and actual implementations. This approach could lead to a "seamless" integration of VDE functions and capabilities by threading metering/transaction management functionality throughout the **system design** and implementation.
The second approach would involve taking an existing set of API (Application Programmer Interface) functions, and incorporating references in the operating system code...is to fulfill the request. In the preferred embodiment, requests are passed between ROS RPC manager 732 and the outside world (i.e., SPE device **driver** 736) via the SPE (HPE) Kernel/Dispatcher 552. Kernel/Dispatcher 552 may be able to service certain RPC requests itself, but in general it passes...

16/3,K/4 (Item 1 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

01695991 **Image available**
ANALYTIC PLATFORM
PLATEFORME ANALYTIQUE
Patent Applicant/Assignee:
INFORMATION RESOURCES INC, 150 North Clinton Street, Chicago, IL 60661, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
HUNT Herbert Dennis, 150 North Clinton Street, Bedford, NY, US, US (Residence), CA (Nationality), (Designated only for: US)
WEST John Randall, 150 North Clinton Street, Sunnyvale, CA, US, US (Residence), US (Nationality), (Designated only for: US)
GIBBS Marshall Ashby, 150 North Clinton Street, Clarendon Hills, IL, US, US (Residence), US (Nationality), (Designated only for: US)
GRIGLIONE Bradley Michael, 150 North Clinton Street, Lake Zurich, IL, US, US (Residence), US (Nationality), (Designated only for: US)
HUDSON Gregory David Neil, 150 North Clinton Street, Riverside, IL, US, US (Residence), US (Nationality), (Designated only for: US)
BASILICO Andrea, 150 North Clinton Street, Lomazzo, IT, IT (Residence), IT (Nationality), (Designated only for: US)
JOHNSON Arvid C, 150 North Clinton Street, Frankfort, IL, US, US

(Residence), US (Nationality), (Designated only for: US)
BERGEON Cheryl G, 150 North Clinton Street, Arlington Heights, IL, US, US (Residence), US (Nationality), (Designated only for: US)
CHAPA Craig Joseph, 150 North Clinton Street, Lake Barrington, IL, US, US (Residence), US (Nationality), (Designated only for: US)
AGOSTINELLI Alberto, 150 North Clinton Street, Trezzo Sull Adda, IT, IT (Residence), IT (Nationality), (Designated only for: US)
YUSKO Jay Alan, 150 North Clinton Street, Lombard, IL, US, US (Residence), US (Nationality), (Designated only for: US)
MASON Trevor, 150 North Clinton Street, Bolingbrook, IL, US, US (Residence), LC (Nationality), (Designated only for: US)
Legal Representative:
NORTRUP John H (agent), Strategic Patent, P.C., Intellevate, P.O. Box 52050, Minneapolis, MN 55402, US
Patent and Priority Information (Country, Number, Date):
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Application: WO 2008US52187 20080128 (PCT/WO US2008052187)
Priority Application: US 2007886798 20070126; US 2007886801 20070126; US 2007887573 20070131; US 2007891508 20070224; US 2007891936 20070227; US 2007952898 20070731
Designated States:
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AE AG AL AM AO AT AU AZ BA BB BG BH BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DO DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LY MA MD ME MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LT LU LV MC MT NL NO PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
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IPC + Level Value Position Status Version Action Source Office:
G06F-0017/30...
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... account and time period, and then track actual performance vs. plan on weekly, monthly, or some other basis.

[00329] In embodiments, executive dashboard reports may **identify** out-of-bound conditions and alert a user to areas and key performance indicators (KPIs) that require attention.

[00330] In embodiments, sales performance benchmarks may...the projection

facility, which may or may not utilize that input to produce the projection fact table. In an embodiment, the query processing facility may **process** the facts by pre-aggregating them in a predefined manner, for example and without limitation as may be defined by the user input or the...

...that is produced by the query processing facility in response a query that is associated with the user.

[00376] As an example, an enterprise may **track** sales of various products from a plurality of stores. All of the facts associated with the different products may be collected and indexed in preparation...may provide faster and more accurate response to sales activity.

[00475] The sales performance analyzer may support the end-to-end sales planning and management **process**, and may include a set of analyses and benchmarks, such as custom geographies, sales planning and tracking, executive dashboards, sales performance, same store sales, projected...

16/3,K/5 (Item 2 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

01482280
ENERGY AND CHEMICAL SPECIES UTILITY MANAGEMENT SYSTEM
SYSTEME DE GESTION DE SERVICES, D'ESPECES CHIMIQUES ET D'ENERGIE
Patent Applicant/Assignee:
LIGHTRIDGE RESOURCES LLC, 1111 N. Loop West, Suite 200, Houston, TX 77008 , US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
HURST Roger, 1111 N. Loop West, Suite 200, Houston, TX 77008, US, US (Residence), US (Nationality),
KRITZINGER Johan A, 1111 N. Loop West, Suite 200, Houston, TX 77008, US, US (Residence), ZA (Nationality),
ALLAN Peter, 1111 N. Loop West, Suite 200, Houston, TX 77008, US, US (Residence), US (Nationality),
ELLISON Brent, 1111 N. Loop West, Suite 200, Houston, TX 77008, US, US (Residence), US (Nationality),
KHATER Ajay, 13510 Perthshire Rd., Houston, TX 77079, US, US (Residence), US (Nationality),
Legal Representative:
KNOBLOCH Charles S et al (agent), ARNOLD & FERRERA, L.L.P., 2401 Fountain View, Dr., Suite 630, Houston, TX 77057, US
Patent and Priority Information (Country, Number, Date):

Patent: WO 200728158 A2-A3 20070308 (WO 0728158)
Application: WO 2006US34565 20060905 (PCT/WO US2006034565)
Priority Application: US 2005714038 20050902
Designated States:
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AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HN HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
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Publication Language: English
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International Patent Class (v8 + Attributes)
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G06F-0007/00...

...US
G06F-0017/00...
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... the quality of data used for operational, tactical and strategic decision making. Huge amounts of data are collected at the site and a multitude of **activities** (work processes) happen continuously and based on these data. However, the data are rarely consistent and accurate enough in the raw format so that huge...be used to automate these efforts and trigger business processes based on specific business logics.

11. The method of Claim I wherein Enterprise performance management **activities** (performance measures like **monitoring** / score-carding / reporting I analytics) are addressed. Automatic publication of E/CS KPI's in warehouse and on dashboards, automatic alerts on deviations, inclusion and...

16/3,K/6 (Item 3 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00986962 **Image available**
VCD-ON-DEMAND SYSTEM AND METHOD
SYSTEME ET PROCEDE DE VCD SUR DEMANDE
Patent Applicant/Assignee:
AXIS SYSTEMS INC, 209 Java Drive, Sunnyvale, CA 94089, US, US (Residence)
, US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
TSENG Ping-Sheng, 992 Coeur D'Alene Way, Sunnyvale, CA 94087, US, US
(Residence), US (Nationality), (Designated only for: US)
GOEL Yogesh Kumar, 44216 Iberi Way, Fremont, CA 94539, US, US (Residence)
, US (Nationality), (Designated only for: US)
SHEN Quincy Kun-Hsu, 19263 Brockton Lane, Saratoga, CA 94070, US, US
(Residence), US (Nationality), (Designated only for: US)
Legal Representative:
CHOU Chien-Wei (et al) (agent), Oppenheimer Wolff & Donnelly LLP,
1400 Page Mill Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200317099 A1 20030227 (WO 0317099)
Application: WO 2001US25558 20010814 (PCT/WO US0125558)
Priority Application: WO 2001US25558 20010814
Designated States:
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prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
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Main International Patent Class (v7): **G06F-009/455**
International Patent Class (v7): **G06F-017/50**
Fulltext Availability:
Detailed Description

Detailed Description
... and C I relative to C2. In this iteration, the system determines that optimizing pin usage/availability and gate usage/availability are more important than **optimizing** gate-to-gate hops in the initial placement of the circuits CKTQ in the array of FPGA chips. In a subsequent iteration, the system selects small values for CO and C 1 relative to C2. In this iteration, the **system** determines that **optimizing** gate-to-gate hops is more important than **optimizing** pin usage/availability and gate usage/availability.

During the fine-grain placement operation, the system uses the same cost function. In one embodiment, the iterative...by the RCC Computing System 2600 to regenerate the software model from the primary outputs of the hardware model.

Initially, the full states of the **design**, such as the software **model** states and hardware **model** register and node values, are saved at simulation ...itself). The user determines that the simulation target range is between simulation time tl and simulation time t2 as shown in FIG. 84.

The RCC **System** loads the software **model** of the **design** in the RCC Computing **System** 2600 and the hardware **model** in the RCC Hardware ...FIG. 16 shows a flow diagram in accordance with one embodiment of the present invention.

FIG. 16 also shows the gated data analysis. The SEmulation **system** has the complete **model** of the user's circuit **design** in software and ...software clocks and will stay in software. If a relatively large number (e.g., more than 10) of derived clocks are present in the circuit **design**, the SEmulation **system** will **model** them into hardware to reduce 1/0 overhead and maintain the SEmulation system's performance. Gated data is data or control input of a register...enable registers, to control the enable inputs of these register models. In a complex user circuit design, millions of elements are found in the circuit **design** and accordingly, the SErnulator **system** will implement millions of elements in the hardware **model**. Controlling all of these elements individually is costly because the overhead of sending millions of control signals to the hardware model will take a longer...ensure that the evaluation of the data signal occurs in synchronization with the system clock to avoid hold-time violations.

As stated earlier, the SEmulation **system** has the complete **model** of the user's circuit **design** in software and some portions of the user's circuit design in hardware. As specified in the kernel, the software can detect clock edges that...embodiment of the present invention is illustrated in FIG. 44. In the dual-board embodiment of the present invention, only two boards are necessary to **model** the user's **design** in the Simulation **system**. Like the sixboard configuration of FIG. 39, the dual-board configuration of FIG. 44 ...side) of the on-board components and connectors for a single board. In one embodiment of the present invention, only one board is necessary to **model** the user's **design** in the Simulation **system**. In other embodiments, multiple boards (i.e., at least 2 boards) are necessary. Thus, for example, FIG. 39 shows six boards 1551 to 1556 coupled...INSENSITIVE GLITCH-FREE LOGIC

DEVICES
One embodiment of the present invention solves both the hold time and clock glitch problems. During configuration of the user **designs** into the hardware **model** of the reconfigurable computing **system**, standard logic devices (e.g., latches, flip-flops) found in the user designs are replaced with emulation ...embodiments of the present invention, which solve both the hold time and clock glitch problems, will now be discussed. During configuration mapping of the user **design** into the software **model** of the RCC computing **system** and the hardware **model** of the RCC ...10, the system to initially configures the FPGAs in the reconfigurable hardware unit with a user design or configures the FPGAs with a new user **design** at state 1404. The **system** sequences configuration information for all the FPGAs to **model** the portion of the user **design** that can be modeled into hardware. If, however, COMMAND=00 1 1, the system interrupts the reconfigurable hardware unit at state 1405 to interrupt the...

16/3,K/7 (Item 4 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00814145
A METHOD FOR EXECUTING A NETWORK-BASED CREDIT APPLICATION PROCESS
PROCEDE DE MISE EN OEUVRE D'UN PROCESSUS DE DEMANDE DE CREDIT EN RESEAU
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
CORNELIUS Richard D, 421 14th Street, Santa Monica, CA 90402, US,
STEPNICZKA Andreas, 2200 Sacramento Street, Apt. 503, San Francisco, CA 94115, US,
CHU Kevin, 490 Lindbergh Place, Apt. 515, Atlanta, GA 30324, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, P.O. Box 52037, Palo Alto, CA 94303, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200146889 A2 20010628 (WO 0146889)
Application: WO 2000US35216 20001222 (PCT/WO US0035216)
Priority Application: US 99470805 19991222; US 99469525 19991222; US 99470039 19991222
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ EE ES FI GB GE

GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
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Fulltext Word Count: 98671

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Fulltext Availability:
Detailed Description

Detailed Description
... software. Some typical categories are as follows.

Objects can represent physical objects, such as automobiles in a traffic-flow simulation, electrical components in a circuit-**design** program, countries in an economics **model**, or aircraft in an air-traffic-control **system**.
Objects can represent elements of the computer-user enviromnent such as windows, menus or graphics objects.

An object can represent an inventory, such as a...a digital receipt or similar proof of payment
Time stamping - This is especially important for responding to duties with a actionable deadline
Security components.

Signature/**validation**: allow the sender to sign its message before sending them and to validate its signature

Encryption/decryptionofon-linetransaction:allowthesendertoencryptthemessages
he wants to send in order...focus orientation
Characteristics
Created by individuals with deep process knowledge or work-flow automation experience
o Multiple product offerings
Usually found where high degrees of **process** standardization has occurred
Have diverse revenue sources and opportunities
The present invention is preferably practice in the context of a vertical market. Players with common...to such an approach include.

To release business benefits early
To mitigate impact on the organization

To keep the change program up to date
To **optimize processes**
0 To test proof of concept
To reduce risk
The Release Management team is responsible for.

Planning the capability release design and development effort, based...

16/3,K/8 (Item 5 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00784185 **Image available**
A SYSTEM AND METHOD FOR STREAM-BASED COMMUNICATION IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION FOURNISSANT UN SYSTEME DE COMMUNICATION EN CONTINU DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE SERVICES DE COMMUNICATION
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,
Legal Representative:
HICKMAN Paul L (agent), Hickman Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746, US,
Patent and Priority Information (Country, Number, Date):
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Application: WO 2000US24125 20000831 (PCT/WO US0024125)
Priority Application: US 99386717 19990831
Designated States:
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
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Fulltext Word Count: 150532

International Patent Class (v7): **G06F-017/ 22**...

Fulltext Availability:
Detailed Description

Detailed Description
... of, and the implications from selecting, a specific technology generation. The strengths and weaknesses of .10 each technology generation should be understood when planning and **designing** a **system**. When identifying the core technologies to be used in an architecture, a view of the client's existing IT architecture 600, guiding principles 602 and ...systems, application logic can be packaged into components and distributed from a server machine to a client machine over a network. In traditional client/server **systems**, the application logic is split between the client and the server on a pennanent basis; there is no dynamic distribution of application logic.

The number...

...and traditional client/server systems is different. NCC extends the traditional two-tier client/server architecture to a n-tier architecture.

The client in NCC **systems** is different from a client in traditional client/server **systems**. The client in a NCC **system** is a standardized universal one; a NCC application can execute within a client that can run on multiple operating **systems** and hardware platforms. In traditional client/server **systems**, the client is custom-made for a specific operating **system** and hardware platform.

The way in which NCC and traditional client/server systems can be extended and adapted is different. Components enable NCC systems to...a comprehensive development environment for building complex applications.

User Navigation 1306
User Navigation Services provide a user with a way to access or navigate between **functions** within or across applications. Historically, this has been the role of a text-based menuing system that provides a list of applications or activities for...query tool
Scripting or macro language
Supported data types and formats
Formatting capabilities (page orientation, fonts, colors, margins, condensed printing, etc.)
Supported report types
Aggregate **functions**.
93
Is the intention to **create** production reports or facilitate end user queries? Ease of use will be of major importance for end user query and decision support type applications. In...a business event.

Queue Management

These services provide access to the workflow queues which are used to schedule Workflow services allow users and management to **monitor** and access workflow queue information and to invoke applications directly.

Is there a need for reporting and management facilities? Typical workflow application requirements are better...

...and forecasting/scheduling.

Where any form of customer service is involved, features like status reports on individual cases can sharpen customer response times while performance **monitoring** of groups and individuals can help quality improvement and efficiency exercises. Note that reports and reporting does not necessarily mean paper reports that are distributed... the Business Architecture stage 3604, a project team begins to define the application architecture for an organization's business capabilities using Business Components. Business Components **model** real-world concepts in the business domain (e.g., customers, products, orders, inventory, pricing, credit check, billing, and fraud analysis). This is not the same...Developers are typically expected to customize and extend frameworks to meet their specific requirements, but this involves a tradeoff. Customizing and extending a framework may **optimize** its use, but the resulting framework tends to be less abstract, and therefore less reusable in other contexts. Examples of frameworks include: a framework for...

16/3,K/9 (Item 6 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00784140
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A GLOBALLY ADDRESSABLE INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION S'APPLIQUANT DANS UN ENVIRONNEMENT DE STRUCTURE DE SERVICES DE COMMUNICATIONS VIA UNE INTERFACE ADRESSABLE GLOBALEMENT
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918 , US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US24198 20000831 (PCT/WO US0024198)
Priority Application: US 99387214 19990831
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AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
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Fulltext Availability:
Detailed Description

Detailed Description
... Web environment provides a very limited level of interaction between clients and servers. In many systems, increasing the level of interaction between components in the **systems** often makes the **systems** more robust, but increasing the interaction increases the complexity of the interaction and typically slows the rate of the interaction. Thus, the conventional Web environment...spectrum of Business Components and the types of Partitioned Business Components;
6
Figure 39 illustrates the flow of workflow, dialog flow, and/or user interface **designs** to a User Interface Component;
Figure 40 is a diagram of an Application **Model** which illustrates how the different types of Partitioned Business Components might interact with each other;
Figure 41 illustrates what makes up a Partitioned Business Component... two systems communicating via Stream-Based Communication and using a shared generic format to relay the meta-data information;
Figure 107 illustrates an object-based **system** with a frequently changing object model communicating via Stream-Based Communication;
Figure 108 illustrates a stream-based message that contains both message data and descriptive...architecture. A component integration architecture is a set of architecture mechanisms which allow software modules in different process spaces to utilize each others capabilities or **functions**. This is generally done by assuming a common component object **model** on which to build the architecture. It is worthwhile to differentiate between an object and a class of objects at this point. An object is...software. Some typical categories are as follows.

Objects can represent physical objects, such as automobiles in a traffic-flow simulation, electrical components in a circuit-**design** program, countries in an economics **model**, or aircraft in an air-traffic-control **system**.

0 Objects can represent elements of the computer-user environment such as windows, menus or graphics objects.

An object can represent an inventory, such as...

...to be the most popular choice among many OOP programmers, but there is a host of other OOP languages, such as Smalltalk, Common Lisp Object **System** (CLOS), and Eiffel. Additionally, OOP capabilities are being added to more traditional popular computer programming languages such as Pascal.

The benefits of object classes can...of the structure, how different spaces fit together, how everything looks from different views, what materials are to be used, and so forth.

Step 3: **Model** & Test 206. Not every architectural project has this step, but in many cases, the architect will **create** a scale **model**/prototype of the finished product, allowing the client a clearer sense of what the ultimate solution will look like. A model is a kind of...or Netcentric. Most major enterprises have legacy systems that include both host based and distributed client/server applications. Netcentric applications may extend the mix of **system** technologies.

2. On the top left of the cube are the technology components 510 that are required to support a distinct delivery vehicle.

These components...a later stage.

A Neteentric architecture will usually still support development of client/server applications. The opposite is not often true since traditional client/server **systems** usually keep a substantial portion of the business logic on a fat client, while Netcentric architectures still favor keeping most business logic at the server side. Also Netcentric architectures tend to be more loosely coupled than (the still dominant two-tier) client/server **systems**.

The following sections identify the main characteristics associated with a Netcentric, Client Server or Host based technology generation. This list should in no way be...

...additional demand and increased usage placed on existing legacy systems is often difficult to estimate or predict. Analysis must be conducted to ensure existing legacy **systems** and infrastructure can absorb this increase.

Business imperatives 702
BI. The client needs to reach a new external audience with this application.

This is probably...server systems and NCC systems are.

The way in which the application logic is distributed to clients is different in NCC and traditional client/server **systems** . In NCC **systems**, application logic can be packaged into components and distributed from a server machine to a client machine over a network. In traditional client/server systems... forecasting/scheduling.

Where any Bann of customer service is involved, features like status reports on individual cases can sharpen customer response times while perfon-nance **monitoring** of groups and individuals can help quality improvement and efficiency exercises. Note that reports and reporting does not necessarily mean paper reports that are distributed...

...the Business Logic portion of the Netcentric Architecture Framework.
Interface Logic (3302)
Interface logic interprets and maps the actions of users into business logic processing **activities**.

With the assistance of Presentation Services, Interface logic provides the linkage that allows users to control the flow of processing within the application.

Application Logic...

16/3,K/10 (Item 7 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00784132
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918 , US,
Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Roadast, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
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Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150947

Main International Patent Class (v7): **G06F-009/44**
International Patent Class (v7): **G06F-009/46**
Fulltext Availability:
Detailed Description

Detailed Description
... a comprehensive development environment for building complex applications.

User Navigation 1306
User Navigation Services provide a user with a way to access or navigate between **functions** within or across applications.
Historically, this has been the role of a text-based menuing system that provides a list of applications or activities for...query tool
Scripting or macro language
Supported data types and formats
Formatting capabilities (page orientation, fonts, colors, margins, condensed printing, etc.)
Supported report types
Aggregate **functions**.

93
Is the intention to **create** production reports or facilitate end user queries? Ease of use will be of major importance for end user query and decision support type applications. In...concepts in the business domain (e.g., customers, products, orders, inventory, pricing, credit check, billing, and fraud analysis). This is not the same as data **modeling** because Business Components encapsulate both information and behavior. At this
258
point in the process, an inventory of Business Components is sufficient, along with a...embracing change is the predictability and conceptual

integrity of the parts that makeupanapplication.
FredBrooks,authorofTheMythicalMan-Month,writes,"...conceptual integrity
is the most important consideration in **system** design."
Therefore, components must be conceptually whole, and they must perform
functions that are aligned with their purpose and within their sphere of
knowledge. If...

16/3,K/11 (Item 8 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00784131
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A MULTI-OBJECT FETCH COMPONENT IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR COMPOSANT DE RECUPERATION MULTI-OBJET DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES D'INFORMATIONS
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116723 A2-A3 20010308 (WO 0116723)
Application: WO 2000US24083 20000831 (PCT/WO US0024083)
Priority Application: US 99386238 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150940

Main International Patent Class (v7): **G06F-009/44**
International Patent Class (v7): **G06F-009/46**

Fulltext Availability:
Detailed Description

Detailed Description
... platforms. These services are typically provided by DBMS vendors and accessed via embedded or call-level SQL variants and supersets. Depending upon the underlying storage **model**, non-SQL access methods may be used instead.

Many of the Netcentric applications are broadcast-type applications, designed to market products and/or publish policies...Business Logic portion of the Netcentric Architecture Framework.

244
Interface Logic (3302)
Interface logic interprets and maps the actions of users into business logic processing **activities**.

With the assistance of Presentation Services, Interface logic provides the linkage that allows users to control the flow ...concepts in the business domain (e.g., customers, products, orders, inventory, pricing, credit check, billing, and fraud analysis). This is not the same as data **modeling** because Business Components encapsulate both information and behavior. At this
257
point in the process, an inventory of Business Components is sufficient, along with a...of the parts that make up an application. Fred Brooks, author of The Mythical Man-Month, writes, "...conceptual integrity is the most important consideration in **system** design."
Therefore, components. must be conceptually whole, and they must perform functions that are aligned with their purpose and within their sphere of knowledge. If...

16/3,K/12 (Item 9 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00784126
SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR AN EXCEPTION RESPONSE TABLE IN ENVIRONMENT SERVICES PATTERNS
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A UNE TABLE DE REPONSE D'EXCEPTION DANS DES CONFIGURATIONS DE SERVICES D'ENVIRONNEMENT
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918

, US,
Legal Representative:
HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP,
38th Floor, 2029 century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116706 A2-A3 20010308 (WO 0116706)
Application: WO 2000US24086 20000831 (PCT/WO US0024086)
Priority Application: US 99387873 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150318

Main International Patent Class (v7): **G06F-009/44**
Fulltext Availability:
Detailed Description

Detailed Description
... exception response table may also include an exception category field for permitting organizing multiple exceptions by source.

In one embodiment of the present invention, an **optimization** may be determined that can be made based on similar entries in the exception response table. Further, the optimization made may also include classifying the...by providing user access to these work profiles. Such access can be solely informational - to allow the user to understand the relationship between tasks, or **identify** which tasks need to be completed for a particular work flow - or navigational - to allow the user to move between tasks.

240
Route Management Services...

16/3,K/13 (Item 10 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00784125
SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PIECEMEAL RETRIEVAL IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A LA RECHERCHE FRAGMENTAIRE DANS UN ENVIRONNEMENT DE MODELES DE SERVICES D'INFORMATIONS
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918 , US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116705 A2-A3 20010308 (WO 0116705)
Application: WO 2000US24085 20000831 (PCT/WO US0024085)
Priority Application: US 99386433 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150355

Main International Patent Class (v7): **G06F-009/ 44**
Fulltext Availability:
Detailed Description

Detailed Description
... and context, and in this sense can be called "active". Active Help services may include components like Wizards for walking a user through a new **process**, stored or real-time multi-media support, on-demand Computer Based Training, etc.

Other Common Services 2726
Catchall category for additional reusable routines useftil across... concepts in the business domain (e.g., customers, products, orders, inventory, pricing, credit check, billing, and fraud analysis). This is not the same as data **modeling** because Business Components encapsulate both information and behavior. At this 257
point in the process, an inventory of Business Components is sufficient, along with a...of the parts that make up an application. Fred Brooks,

author of The Mythical Man-Month, writes, "...conceptual integrity is the most important consideration in **system** design."
Therefore, components must be conceptually whole, and they must perform functions that are aligned with their purpose and within their sphere of knowledge. If...

16/3,K/14 (Item 11 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00344642
SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION
SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS
Patent Applicant/Assignee:
ELECTRONIC PUBLISHING RESOURCES INC,
Inventor(s):
GINTER Karl L,
SHEAR Victor H,
SPAHN Francis J,
VAN WIE David M,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9627155 A2 19960906
Application: WO 96US2303 19960213 (PCT/WO US9602303)
Priority Application: US 95388107 19950213
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY KG KZ RU TJ TM AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 207972

Main International Patent Class (v7): **G06F-001/00**
International Patent Class (v7): **G06F-17:60**
Fulltext Availability:
Detailed Description

Detailed Description
... or more providers of electronic information can easily combine selected building blocks to create a rights application that is unique to a specific content distribution **model**. A group of these pieces can

represent the
capabilities needed to fulfill the agreement(s) between users and
providers. These pieces accommodate many requirements of...of VDE can
avoid the
confusion and expense and other inefficiencies of different,
limited purpose transaction control applications for each different
content and/or business **model**. For example, VDE allows
content
creators to use the same VDE foundation control arrangement for
both content authoring and for licensing content from other
content...tran ferred to a merchant and/or
- 116
clearinghouse and transaction information flowing
back to the card. Such a card can be used for
transaction **activities** of all sorts. A docking
station,
such as a PCMCIA connector on an electronic
appliance, such as a personal computer, can receive
a consumer's...

...an "electronic
wallet" and contain electronic currency as well as
credit provided by a clearinghouse. The card can act
as a convergence point for financial **activities** of a
consumer regarding many, if not all, merchant,
banking, and on-line financial transactions,
including supporting home banking activities. A
consumer can receive his...

16/3,K/15 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0015978276 - Drawing available
WPI ACC NO: 2006-509944/200652
Related WPI Acc No: 2005-416758
XRPX Acc No: N2006-408239
Integrated real-time feature based costing method for use in computer-aided design system, involves simultaneous optimization of cost using detached linked structure
Patent Assignee: UNIV ILLINOIS FOUND (UNII)
Inventor: HILLER E A; PHILPOTT M L; SCHRADER R S; SUBBARAO G
Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 7065420	B1	20060620	US 2003523746	P	20031120	200652 B
			US 2004993406	A	20041119	

Priority Applications (no., kind, date): US 2003523746 P 20031120; US 2004993406 A 20041119

Patent Details
Number Kind Lan Pg Dwg Filing Notes
US 7065420 B1 EN 38 25 Related to Provisional US 2003523746

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
G06F-0017/50...

...**G06F-0019/00**

Original Publication Data by Authority

Argentina

Assignee name & address:
Claims:
...aided design (CAD) system by a designer, the method comprising:extracting parametric features of a current design from the CAD system;identifying manufacturing cost drivers **on** the basis of the parametric features;translating manufacturing cost drivers into costs using **process models** ;simultaneously **optimizing** costs with respect to a plurality of operations within **specified** machine constraints using an **algorithm** with dynamically linked Detached Linked Structures (DLS) to obtain estimates of optimized costs; andfeeding back to the designer an estimate of optimized costs as...

YOUR CASE

17/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00885085 **Image available**
PRODUCTION AND DISTRIBUTION SUPPLY CHAIN OPTIMIZATION SOFTWARE
LOGICIEL D'OPTIMISATION D'UNE CHAINE D'APPROVISIONNEMENT UTILISEE POUR LA PRODUCTION ET LA DISTRIBUTION
Patent Applicant/Assignee:
SCA TECHNOLOGIES LLC, 357 North Craig Street, Pittsburgh, PA 15213, US, US (Residence), US (Nationality)
Inventor(s):
SARTHI Samarth, 401 Amberson Avenue #147, Pittsburgh, PA 15232, US,
VISWESWARAN Viswanathan, 701 Summerlea Street, Pittsburgh, PA 15232, US,
Legal Representative:
PENCOSKE Edward L (agent), Thorp Reed & Armstrong, LLP, One Oxford

Center, 14th Floor, 301 Grant Street, Pittsburgh, PA 15219, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200219209 A2 20020307 (WO 0219209)
Application: WO 2001US26437 20010824 (PCT/WO US0126437)
Priority Application: US 2000648861 20000825
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU CN IN JP NZ SG
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 4377

Inventor(s):
SARTHI Samarth, ...

...**VISWESWARAN Viswanathan**,
Patent Applicant/Inventor:
Fulltext Availability:
Detailed Description

Detailed Description
Production and Distribution
Supply Chain Optimization Software
Background of the Invention
Field of the Invention
The present invention is directed generally to the field of **business accounting** systems and, more particularly, to methods and apparatus for optimizing production and distribution supply chains as well as other complex systems.

Description of the Background...
...for such large enterprises is a very complex system and, unfortunately, is a result more of history than of a deliberate effort to build an **optimized system**. After the supply chain is in place, decisions tend to he localized such that their impact on the entire supply chain is not known until...

...so complex and poorly understood, that even with historical operational data, it is often not known how best to change operations to move the entire **system** to a more **optimized** condition.

Current business techniques, such as activity based costing, provide a more reliable way of viewing a company's operations. In activity based costing, the...

...not take into account non-economic considerations. Supply chains can have various non-economic measures of perforinance, which may or may not be important in **optimizing** the **system**. Some examples of these would include.

a. Product freshness: This measure is particularly important in supply chains in the food industry (for example, fast food...

...present invention is directed to a method of modeling a complex system or process, the model produced by such a method, and a method of **optimizing** a complex **system** or **process** by **optimizing** such a model. Turning first to the method of modeling, the first step is to identify the activities that comprise the system or process. Measurable...costs, cycle time, end products, and the like for the entire chain visible and understandable.

Finally, the present invention is directed to a method of **optimizing** a **system** or **process**. That is accomplished by **optimizing** the model constructed as described above for certain selected objectives. The model can be modified by changing constraints thus enabling the user to run through...Usually, the "dependent decisions" or decisions that depend from the supply chain design (such as number of manufacturing lines, vendor DC alignment etc.) can be **optimized** for the least **system** cost if the user desires.

While the present invention has been described in conjunction with preferred embodiments thereof, those of ordinary skill in the art...

17/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349: PCT FULLTEXT

00731902 **Image available**
METHOD TO CONTROL A LUBRICANT PRODUCTION
PROCEDE DE COMMANDE DE PRODUCTION DE LUBRIFIANT
Patent Applicant/Assignee:
MOBIL OIL CORPORATION, 3225 Gallows Road, Fairfax, VA 22037, US, US (Residence), US (Nationality)
Inventor(s):
GLEESON James William, 13 Thatcher Court, Sewell, NJ 08080, US,
HEANEY William Francis, 19 Pheasant Drive, Mount Laurel, NJ 08054, US,
SANCHEZ Eugenio, 23 Sirius Court, Sewell, NJ 08080, US,
VISWESWARAN Viswanathan, 7421 Frankford Road, #1122, Dallas, TX 75252, US,
Legal Representative:
GRIFFIS Andrew B (et al) (agent), ExxonMobil Chimical Company, P.O. Box 2149, Baytown, TX 77522-2149, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200045228 A1 20000803 (WO 0045228)

Application: WO 2000US2093 20000127 (PCT/WO US0002093)
Priority Application: US 99240976 19990129; US 99240027 19990129
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11435

Inventor(s):
... **VISWESWARAN Viswanathan**,
Patent Applicant/Inventor:
Fulltext Availability:
Detailed Description

Detailed Description
... to complete. Changes in process conditions also require re-approval with additional bench and engine testing. The high cost of bench and engine testing discourages **optimization** of **process** conditions on all io but the most frequently run crudes. In addition, the need to streamline this system has become increasingly important as a result...

17/3,K/3 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0012417793
WPI ACC NO: 2002-362202/200239
XRPX Acc No: N2002-283120
Process optimization method for use in production and distribution supply chain optimization, generates a computer model of the **process** and **optimizes** the model
Patent Assignee: SCA TECHNOLOGIES LLC (SCAT-N)
Inventor: **SARTHI S**; **VISWESWARAN V**
Patent Family (3 patents, 25 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 2002019209	A2	20020307	WO 2001US26437	A	20010824	200239 B

AU 200186706 A 20020313 AU 200186706 A 20010824 200249 E
AU 2001286706 A8 20051006 AU 2001286706 A 20010824 200612 E

Priority Applications (no., kind, date): US 2000648861 A 20000825

Patent Details
Number Kind Lan Pg Dwg Filing Notes
WO 2002019209 A2 EN 19 5
National Designated States,Original: AU CN IN JP NZ SG
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
AU 200186706 A EN Based on OPI patent WO 2002019209
AU 2001286706 A8 EN Based on OPI patent WO 2002019209

Process optimization method for use in production and distribution supply chain optimization, generates a computer model of the **process** and **optimizes** the model
Inventor: **SARTHI S**...

...**VISWESWARAN V**

Alerting Abstract ...NOVELTY - Model of the **process** for **optimization** is generated by identifying activities that comprise the process (44), identifying key drivers for each activity (46), costing said drivers (48), representing relationships between drivers ...

...and modelling the process as a function of the relationships (52,54,56). Parameters in the model can be optimized to provide a means of **optimizing** the associated **process**.
...allows the user to modify it to see the impact of changes to the chain's performance, thus the user can compare different alternatives allowing **optimization** of the **process**.

Original Publication Data by Authority

Argentina

Assignee name & address:
Inventor name & address:
VISWESWARAN V...

...**SARTHI S**...

...**VISWESWARAN, Viswanathan**
Examiner:
Original Abstracts:
The present invention is directed to a method of modeling a complex system, the model produced by such a method, and a method of **optimizing** a complex **system** **by optimizing** such

a model. **The** first step in the
modeling method is to identify the activities that comprise the process. Measurable drivers for each activity are identified. The costs associated
...
...model (function) thus produced is an expresion of the entire process in terms of variables that are drivers for more than one activity within the **process**. **Optimizing** the modeled
process is accomplished by
optimizing the model constructed **as**
described above for certain selected objective(s). The model can be modified by changing constraints thus enabling the user to run through a large number...
Claims:
[Insert]

IV. Text Search Results from Dialog

A. Abstract Databases

File 2:INSPEC 1898-2009/Sep W1
(c) 2009 The IET
File 35:Dissertation Abs Online 1861-2009/Aug
(c) 2009 ProQuest Info&Learning
File 65:Inside Conferences 1993-2009/Sep 11
(c) 2009 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Aug
(c) 2009 The HW Wilson Co.
File 474:New York Times Abs 1969-2009/Sep 13
(c) 2009 The New York Times
File 475:Wall Street Journal Abs 1973-2009/Sep 13
(c) 2009 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 Gale/Cengage

? **ds**

Set	Items	Description
S1	321	BUSINESS()ACCOUNTING
S2	92194	(OPTIMIZ? OR OPTMIS?)(5N)(SYSTEM? ? OR PROCESS OR PROCESSES)
S3	1072919	DRIVER? ? OR ACTIVITY OR ACTIVITIES
S4	1049	COST()COMPONENT? ?
S5	15243	(S3 OR S4)(5N)(IDENTIFY? OR IDENTIFIES OR TRACK? OR MONITOR? OR ACKNOWLEDG? OR VALIDAT?)
S6	766882	(MODEL OR MODELS OR MODELING)(10N)(FUNCTION OR FUNCTIONS OR PROCESS OR SYSTEM? ?)
S7	49290	S6(5N)(CREATE OR CREATES OR CREATING OR DESIGN OR DESIGNS OR DESIGNING)
S8	9	AU=(SARTHI, S? OR SARTHI S? OR VISWESWARAN, V? OR VISWESWARAN V? OR SAMARTH(2N)SARTHI OR VISWANATHAN(2N)VISWESWARAN)
S9	0	S1 AND S2
S10	0	S1 AND S5
S11	0	S1 AND S7
S12	92	S2 AND S5
S13	5	S12 AND S7
S14	5	RD (unique items)
S15	0	S9 AND S1
S16	0	S9 AND S2

?

14/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2: INSPEC
(c) 2009 The IET. All rights reserved.

10881735

Title: A low cost tile-based 3D graphics full pipeline with real-time performance monitoring support for OpenGL ES in consumer electronics
Authors(s): Ruei-Ting Gu; Tse-Chen Yeh; Wei-Sheng Hunag; Ting-Yun Huang; Chung-Hua Tsai; Chung-Nan Lee; Ming-Chao Chiang; Shen-Fu Hsiao; Yun-Nan Chang; Ing-Jer Huang
Inclusive Page Numbers: 620-5
Publisher: IEEE, Piscataway, NJ
Country of Publication: USA
Publication Date: 2007
Conference Title: 2007 IEEE 11th International Symposium on Consumer Electronics
Conference Date: 20-23 June 2007
Conference Location: Irving, TX, USA
ISBN: 978-1-4244-1109-2
Language: English
Subfile(s): B (Electrical & Electronic Engineering); C (Computing & Control Engineering)
INSPEC Update Issue: 2008-017

Abstract: ...AHB interface that makes it easily to be integrated into an AMBA-based SoC. The development of the 3D engine has gone through a rigorous **design process**: starting from **system modeling** (using **System**-C), RTL implementation, hardware/software co-simulation and FPGA verification to test chip fabrication. This 3D engine provides 3.3 M vertices/s and 278...

...is sufficient for most applications for digital television. At the same time, a complete OpenGL-ES 1.1 API, windowing system, Linux operating system, device **driver** and a 3D performance **monitoring** tool have been developed for our 3D engine. This performance monitoring tool provides run-time performance information include frame rate, triangle rate, pixel rate, involved OpenGL function list, function counts, memory utilization and etc. Moreover, a built-in real-time AHB bus tracer is also provided to **monitor** the bus **activities** of the 3D engine and other components on the system bus. The bus tracer captures on-chip bus signals at ether cycle accurate or transaction...

...monitoring tool and the bus tracer, the 3D application developer can easily analyze the communication of the components and fine tune the 3D application to **optimize** the entire SoC **system** performance and to satisfy performance/cost constrains on consumer electronics. Both of the hardware and software have been carefully verified and demonstrated on FPGA using...

14/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2: INSPEC

10236486
Title: Minimizing total costs of forest roads with computer-aided design model
Authors(s): Akay, A.E.
Author Affiliation: Dept. of Forest Eng., Kahramanmaras Sutcu Imam Univ., Turkey
Journal: Sadhana, vol.31, pp.621-33
Publisher: Indian Acad. Sci
Country of Publication: India
Publication Date: Oct. 2006
ISSN: 0256-2499
SICI: 0256-2499(200610)31:5L.621:MTCF;1-5
CODEN: SAPSER
Language: English
Subfile(s): C (Computing & Control Engineering); E (Mechanical & Production Engineering)
INSPEC Update Issue: 2007-002

Abstract: ...faster and more systematic manner. The model aims at designing a path with minimum total road costs, while conforming to design specifications, environmental requirements, and **driver** safety. To **monitor** the sediment production of the alternative alignments, the average sediment delivered to a stream from a road section was estimated by using a road erosion...

Identifiers: total road costs minimization; forest roads; computer-aided **design model**; personal computers; PC; computer-based road-**design systems**; road managers; forest road **optimization model**; forest road engineer; **design** specifications; environmental requirements; driver safety; sediment production; road erosion/delivery model; forest engineering

14/3,K/3 (Item 3 from file: 2)
DIALOG(R)File 2: INSPEC

09351690
Title: The role of integrated modeling in the design and verification of the James Webb Space Telescope
Authors(s): Mosier, G.E.; Howard, J.M.; Johnston, J.D.; Parrish, K.A.;

Hyde, T.T.; McGinnis, M.A.; Bluth, A.M.; Kim, K.; Ha, K.Q.
Author Affiliation: NASA Goddard Space Flight Center, Greenbelt, MD, USA
Journal: Proceedings of the SPIE - The International Society for Optical Engineering, vol.5528, no.1, pp.96-107
Publisher: SPIE-Int. Soc. Opt. Eng
Country of Publication: USA
Publication Date: 2004
Conference Title: Space System Engineering and Optical Alignment Mechanisms
Conference Date: 4-6 Aug. 2004
Conference Location: Denver, CO, USA
ISSN: 0277-786X
SICI: 0277-786X(2004)5528:1L.96:RIMD;1-A
CODEN: PSISDG
U.S. Copyright Clearance Center Code: 0277-786X/04/$15.00
Item Identifier (DOI): http://dx.doi.org/10.1117/12.564452
Language: English
Subfile(s): A (Physics)
INSPEC Update Issue: 2005-014

Identifiers: integrated **modeling**; James Webb Space Telescope; telescope design; infrared-**optimized** space telescope; **system**-level verification; critical optical performance requirements; lightweight observatory structure; cryogenic temperatures; optical performance verification; end-to-end models; subassembly levels; integrated modeling **activity**; error budget; model **validation**; passive radiative cooling; stray light control

14/3,K/4 (Item 4 from file: 2)
DIALOG(R)File 2: INSPEC

09206319
Title: TAST profiler and low energy asynchronous design methodology
Authors(s): Slimani, K.; Remond, Y.; Sicard, G.; Renaudin, M.
Author Affiliation: TIMA Lab., Grenoble, France
Book Title: Integrated Circuit and System Design. Power and Timing Modeling, **Optimization** and Simulation. 14th International Workshop, PATMOS 2004. Proceedings (Lecture Notes in Comput. Sci. Vol.3254)
Inclusive Page Numbers: 268-77
Publisher: Springer-Verlag, Berlin
Country of Publication: Germany
Publication Date: 2004
Conference Title: Integrated Circuit and System Design. Power and Timing

Modeling, Optimization and Simulation. 14th International Workshop, PATMOS 2004. Proceedings
Conference Date: 15-17 Sept. 2004
Conference Location: Santorini, Greece
Editor(s): Macii, En.; Paliouras, V.; Koufopavlou, O.
ISBN: 3 540 23095 5
Number of Pages: xvi+910
Language: English
Subfile(s): B (Electrical & Electronic Engineering); C (Computing & Control Engineering)
INSPEC Update Issue: 2004-048

Book Title: Integrated Circuit and System Design. Power and Timing Modeling, **Optimization** and Simulation. 14th International Workshop, PATMOS 2004. Proceedings (Lecture Notes in Comput. Sci. Vol.3254)

14/3,K/5 (Item 5 from file: 2)
DIALOG(R)File 2: INSPEC

07027932
Title: Object oriented design of generic simulation models in hybrid flow shop organizations
Authors(s): Levecq, P.; Botta, V.; Guinet, A.; Artiba, A.
Author Affiliation: CREGI, Mons, Belgium
Book Title: First International Conference on Operations and Quantitative Management
Inclusive Page Numbers: 564-71 vol.2
Publisher: Univ. Baltimore, Baltimore, MD
Country of Publication: USA
Publication Date: 1997
Conference Title: Proceedings of ICOQM '97: 1st Annual Conference on Information System Cluster of ICOQM
Conference Date: 5-8 Jan. 1997
Conference Location: Jaipur, India
Part: vol.2
Number of Pages: 2 vol. 739
Language: English
Subfile(s): C (Computing & Control Engineering); E (Mechanical & Production Engineering)
INSPEC Update Issue: 1998-037

Abstract: ...system is often a very difficult task. It involves the integration of two stages: the analysis and specification of the production system in order to **identify** the production **activity** control problems, and the development of a

decision support **system** integrating
optimization methods and simulation tools. Available
tools on the market do not allow the materials manager to simultaneously
take care of these two phases. Our research...

...of a decision engineering system helping the materials manager to better
control his production resources. Once the system characteristics are
specified, the decision engineering system **identifies**
the production **activity** control problems, enables to
select pre-existing control tools and generates a dynamic model of the
production system in order to validate the solution obtained...

Identifiers: object oriented **design**; generic simulation
models; hybrid flow shop organizations; production
control **system**; production **system**;
specification; production activity control problems; decision support
system; **optimization** methods;
simulation tools; materials manager; decision engineering system;
production resources; dynamic model

V. Text Search Results from Dialog

A. Full Text Databases

File 6:NTIS 1964-2009/Sep W3
(c) 2009 NTIS, Intl Cpyrght All Rights Res
File 7:Social SciSearch(R) 1972-2009/Sep W1
(c) 2009 The Thomson Corp
File 8:Ei Compendex(R) 1884-2009/Aug W5
(c) 2009 Elsevier Eng. Info. Inc.
File 14:Mechanical and Transport Engineer Abstract 1966-2009/Aug
(c) 2009 CSA.
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp
File 34:SciSearch(R) Cited Ref Sci 1990-2009/Sep W1
(c) 2009 The Thomson Corp
File 9:Business & Industry(R) Jul/1994-2009/Sep 12
(c) 2009 Gale/Cengage
File 16:Gale Group PROMT(R) 1990-2009/Aug 19
(c) 2009 Gale/Cengage
File 20:Dialog Global Reporter 1997-2009/Sep 13
(c) 2009 Dialog
File 15:ABI/Inform(R) 1971-2009/Sep 12
(c) 2009 ProQuest Info&Learning
File 148:Gale Group Trade & Industry DB 1976-2009/Aug 26
(c) 2009 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2009/Aug 13
(c) 2009 Gale/Cengage
File 610:Business Wire 1999-2009/Sep 13
(c) 2009 Business Wire.
File 613:PR Newswire 1999-2009/Sep 13
(c) 2009 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Aug 05
(c) 2009 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2009/Aug 19
(c) 2009 Gale/Cengage
File 624:McGraw-Hill Publications 1985-2009/Sep 11
(c) 2009 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2009/Sep 11
(c) 2009 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

? **ds**

Set Items Description
S1 20779 BUSINESS()ACCOUNTING
S2 523896 (OPTIMIZ? OR OPTMIS?)(5N)(SYSTEM? ? OR PROCESS OR PROCESSES)
S3 22406497 DRIVER? ? OR ACTIVITY OR ACTIVITIES
S4 19385 COST()COMPONENT? ?
S5 353522 (S3 OR S4)(5N)(IDENTIFY? OR IDENTIFIES OR TRACK? OR MONITOR? OR ACKNOWLEDG? OR VALIDAT?)
S6 2052503 (MODEL OR MODELS OR MODELING)(10N)(FUNCTION OR FUNCTIONS OR PROCESS OR SYSTEM? ?)
S7 136887 S6(5N)(CREATE OR CREATES OR CREATING OR DESIGN OR DESIGNS OR DESIGNING)
S8 14 AU=(SARTHI, S? OR SARTHI S? OR VISWESWARAN, V? OR VISWESWARAN V? OR SAMARTH(2N)SARTHI OR VISWANATHAN(2N)VISWESWARAN)
S9 105 S1 AND S2
S10 20 S9 AND S5
S11 1 S10 AND S7
S12 7 S10 AND S6
S13 6 S12 NOT S11
S14 1037 S2(S)S5
S15 8 S14(S)S7
S16 8 RD (unique items)
S17 8 S16 NOT S13
S18 0 S8(S)(S1 OR S2)

?

11/3,K/1 (Item 1 from file: 148)
DIALOG(R)File 148: Gale Group Trade & Industry DB

11772405 SUPPLIER NUMBER: 58061578 (USE FORMAT 7 OR 9 FOR FULL TEXT)
TOP 50 EUROPE.
Manufacturing Systems Europe, 2, 5, 22
Sept, 1999
ISSN: 0748-948X LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 32679 LINE COUNT: 02716

... Now we can optimize multiple plants and track raw materials," says Larry Evans, president and CEO of Aspen. The company, known for its services and **modeling** software for the **design** and automation of **process** manufacturing plants, has acquired 14 companies since it went public in 1981. "We've been very successful in acquiring strong technology. The acquisition of Chesapeake...

...Technology serves the chemical, petrochemical, pharmaceuticals, electric power, and pulp & paper markets. Plantelligence, the brand name for Aspen's suite of software and services for **process optimization**, includes Chesapeake's MIMI (manager for

interactive modeling interfaces). Now called Aspen MIMI, this integrated decision support platform for production planning & scheduling uses advanced expert...
...generate optimized production schedules and visually scan inventory information to avoid rescheduling and inventory imbalances.
Aspen Engineering Suite, introduced in May, is comprised of Plantelligence **modeling** and **design** products, and Aspen Zyqad, an integrated **process** engineering **system** used as a central data repository for process knowledge. The suite allows engineers to use a consistent model for engineering analysis.
This year Aspen chose...

...enterprise resources planning (ERP) vendor, was recently acquired by The Sage Group, Newcastle, U.K., the $300-million international provider of home-office and small-**business** **accounting** solutions, and is now Sage Tetra, Maidenhead, Berkshire, U.K.
"Tetra provides the new organization with a high-end solution for the manufacturing market," says...back-end systems."
In fact, Singh says, a major initiative i2 launched last fall is designed to do just that. The initiative, called electronic Business **Process Optimization**, or eBPO, resulted in the layering of i2's Rhythm line of planning and scheduling applications in a manner that allows optimizing three core disciplines...t solve well before," Scull says. "Where before you could individually solve manufacturing and maintenance scheduling problems, now you can develop a real schedule that **optimizes** the entire **process**."
OPL Studio includes features such as an on-line model library, database connectivity tools, debugging tools, and an automatic code generator. Like all ILOG products...

...on a wide variety of platforms, including UNIX, Linux, and Microsoft Windows 95, 98 and NT. ILOG also supports the Sun Microsystems' SPARC and Solaris **systems**.
While **optimization** components account for the bulk of the company's license revenues, another key product offering is the ILOG Visualization Suite. "Visualization components create a vivid...purchasing, inventory, distribution, shop-floor control, scheduling, and forecasting. Special modules for the Year 2000-compliant, euro-ready, Web-enabled system support electronic data interchange, **activity**-based costing, landed cost **tracking**, blanket sales orders and releases, projects and contracts,

13/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15: ABI/Inform(R)

02525184 276382571
Transforming IT
Allen, Bruce

Optimize PP: 20-27 Jan 2003
ISSN: 1537-2308 JRNL CODE: PTMZ
WORD COUNT: 2375

...TEXT: of months and years. The effort should include tools and mechanisms that allow all IT staff to incorporate "transforming while performing" tasks into their daily **activities**.

Companies can **track** their performance with dashboards that provide snapshots of operational performance in relation to organizational goals, business drivers, and IT requirements. This will show an objective...asset and application management, data and media, and service center. The service-center COE provides a single point of interaction for IT operations and includes **business-accounting** managers, help desk, production control, and security administration.

McKinsey found the COE process particularly useful and devotes one-third of its operations staff to implement...
...t be effectively developed until processes, COEs, and products and services are identified. Best practices should determine how staff can be most effectively organized around **processes**, with the eventual goal of **optimizing** people around services.

The next step in the process is the development of the game-plan phase, which should be continuous and evolutionary. This may...to implement the processes and metrics needed to ensure that the IT engine functions at peak efficiency. Forward-looking CIOs are putting in place new **process models** to transform their IT operations with the goal of achieving operational excellence.

CONSIDER THIS

When developing centers of excellence to improve IT processes and overall
...

13/3,K/2 (Item 1 from file: 275)
DIALOG(R)File 275: Gale Group Computer DB(TM)

01301295 SUPPLIER NUMBER: 07424540 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Minifinders. (capsule guide to software packages for the Macintosh) (buyers guide)
MacUser, v5, n8, p219(14)
August, 1989
DOCUMENT TYPE: buyers guide ISSN: 0884-0997 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT

WORD COUNT: 21395 LINE COUNT: 01731

Business Accounting

Back to Basics Accounting is a powerful double-entry accounting software package for the small business user with general ledger, accounts receivable, and accounts payable...

...the works. Requires 512K and hard disk. $595. Layered, 529 Main St., Boston, MA 02129. NCP (Dec '86) '86 Eddy

Rags to Riches Professional Billing **tracks** and bills professional services. Batches **activities** for individual timekeepers. Use as a stand-alone, or integrate with R to R modules. Requires 512K or more and printer. $399.95. Chang Labs...only on minicomputer programs. Uses "pop-up" menus to supplement a full set of pull-down menus. Comes with an additional set of printer/plotter/ **monitor drivers**. A real powerhouse. $1,995. $500 for IEGS module to link to other CAD programs. Bridgeport Machines, 500 Lindley St., Bridgeport, CT 06606. CP (May...disk is recommended. $60. Casady & Greene, P.O. Box 223779, Carmel, CA 93922. NCP (Jan '89)

STELLA for Business is a simulation tool used to **model** complex business **systems**. Requires that you master a discipline called "**system** dynamics." Requires 512K or more. Mac II version available. $350. High Performance Systems, 13 Dartmouth College Highway, Lyme, NH 03768. NCP (June '88)

SuperExpert is...95. Fifth Generation, 1322 Bell Ave., Tustin, CA 92680. NCP (Dec '87)

Printworks for the Mac is a comprehensive software-based dot-matrix printer control **system**. **Optimizes** printing from different applications and is easy to use. Requires 512K or more. $75. SoftStyle, 7192 Kalanianaole Highway, Honolulu, HI 96825. NCP (Aug '87)

QuickKeys...

13/3,K/3 (Item 2 from file: 275)
DIALOG(R)File 275: Gale Group Computer DB(TM)

01295742 SUPPLIER NUMBER: 07233578 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Minifinders.
MacUser, v5, n6, p257(1)
June, 1989
ISSN: 0884-0997 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 18848 LINE COUNT: 01529

Business Accounting

Accountant, Inc. integrates accounts payable, accounts receivable, general ledger, and inventory modules. Prints checks, purchase orders, invoices, customized reports. Bare-bones accounting system limited in...

...works. Requires a 512K and hard disk. $595. Layered, 529 Main St., Boston, MA 02129. NCP (Dec '86) *'86 Eddy

Rags to Riches Professional Billing **tracks** and bills professional services. Batches **activities** for individual timekeepers. Uses as stand-alone, or integrate with R to R modules. Requires 512K or more, printer. $399.95. Chang Labs, 5300 Stevens ...only on minicomputer programs. Uses "pop-up" menus to supplement a full set of pull-down menus. Comes with an additional set of printer/plotter/ **monitor drivers**. A real powerhouse. $1,995. $500 for IEGS module to link to other CAD programs. Bridgeport Machines, 500 Lindley St., Bridgeport, CT 06606. CP (May...disk is recommended. $60. Casady & Greene, P.O. box 223779, Carmel, CA 93922. NCP (Jan '89)

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SuperExpert is...95. Fifth Generation, 1322 Bell Ave., Tustin, CA 92680. NCP (Dec '87)

Printworks for the Mac is a comprehensive software-based dot-matrix printer control **system**. **Optimizes** printing from different applications and is easy to use. Requires 512K or more. $75. SoftStyle, 7192 Kalanianaole Highway, Honolulu, HI 96825. NCP (Aug '87)

Programmer...

13/3,K/4 (Item 3 from file: 275)
DIALOG(R)File 275: Gale Group Computer DB(TM)

01288701 SUPPLIER NUMBER: 07088168 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Minifinders.
MacUser, v5, n4, p245(14)
April, 1989
ISSN: 0884-0997 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 22699 LINE COUNT: 01842

BUSINESS ACCOUNTING

Accountant, Inc. integrates accounts payable, accounts receivable, general ledger, and inventory modules. Prints checks, purchase orders, invoices, customized reports. Bare-bones accounting system limited in...

...5125+ and printer. $199.95 per module. Chang Labs, 5300 Stevens (Creek Blvd., San Jose, CA 95129. NCP (Dec '85)

Rags to Riches Professional Billing **tracks** and bills professional services. Batches **activities** for individual timekeepers. Use as stand-alone, or integrate with R to R modules. Requires 512K+, printer. $399.95. Chang Labs, 5300 Stevens Creek Blvd...found on minicomputer programs. Uses "pop-up" menus to supplement a full set of pull-down menus. Comes with an additional set of printer/plotter/**monitor drivers**. A real powerhouse. $1995. $500 for IEGS module to link to other CAD programs. Bridgeport Machines, 500 Lindley St., Bridgeport, CT 06606. CP (May '87... disk is recommended. $60. Casady & Greene, P.O. Box 223779, Carmel, CA 93922. NCP (Jan '89)

STELLA for Business is a simulation tool used to **model** complex business **systems**. Requires that you master a discipline called "**system** dynamics." Requires 512K+. Mac II version available. $350. High Performance Systems, 13 Dartmouth College Highway, Lyme, NH 03768. NCP (June '88).

SuperExpert is an expert...95. Fifth Generation, 1322 Bell Ave., Tustin, CA 92680. NCP (Dec '87)

Printworks for the Mac is a comprehensive software-based dot-matrix printer control **system**. **Optimizes** printing from different applications, and is easy to use. Requires 512K+. $75. SoftStyle, 7192 Kalanianaole ...or search and replace facilities, making it a more appropriate tool for learning than development. Documentation and use of Mac interface are excellent. $64.95. **Optimized Systems** Software, 1221 B Kentwood Ave., San Jose, CA 95129. NCP (Mar '87)

Prolog/m is a solid Prolog following the Edinburgh standard. Has extensive debugging...

01250248 SUPPLIER NUMBER: 06804467 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Minifinders. (column)
MacUser, v4, n8, p266(21)
Aug, 1988
DOCUMENT TYPE: column ISSN: 0884-0997 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 20992 LINE COUNT: 01693

... an icon bar, can be awkward to use. Mac II and color supported. $395. Access Technology, 555C Heritage Harbor, Monterey, CA 93940. NCP (Dec 87)

BUSINESS ACCOUNTING

Accountant, Inc. V. 2.0 integrates accounts payable, accounts receivable, general ledger, and inventory modules. Prints checks, purchase orders, invoices, customized reports. Bare bones accounting...

...512K + and printer. $199.95 per module. Chang Labs, 5300 Stevens Creek Blvd., San Jose, CA 95129. NCP (Dec 85)

Rags to Riches Professional Billing **tracks** and bills professional services. Batches **activities** for individual timekeepers. Use as standalone, or integrate with R to R modules. Requires 512K +, printer. $399.95. Chang Labs, 5300 Stevens Creek Blvd., San...found on minicomputer programs. Uses "pop-up" menus to supplement a full set of pull-down menus. Comes with an additional set of printer/plotter/**monitor drivers**. A real powerhouse. $1995. $500 for IEGS module to link to other CAD programs. Bridgeport Machines, 500 Lindley St., Bridgeport, CT 06606. CP (May 87... 512K+. $395. Microsoft, 16011 NE 36th Way, Redmond, WA 98073-9717. NCP (Aug 87) *'87 Eddy

STELLA for Business is a simulation tool used to **model** complex business **systems**. Requires that your master a discipline called "**system** dynamics." Requires 512K+. Mac II version available. $350. High Performance Systems, 13 Dartmouth College Hwy., Lyme, NH 03768. NCP (Jun 88)

SuperExpert is an expert...

...if you can. $249.99. DataPak, 14011 Ventura Blvd., Sherman Oaks, CA 91423. CP (Mar 87)

Front Desk lets small businesses and offices easily keep **track** of personnel schedules, **activities**, and payments. the program can keep track of up to 15 employees, functioning as a day-, week-, and month-at-a-glance calendar. $149.95...95. Fifth Generation, 1322 Bell Avenue, Tustin, CA 92680. NCP (Dec 87)

Printworks for the Mac is a comprehensive software-based dot-matrix printer control **system**. **Optimizes** printing from different applications, and easy to use. Requires 512K+. $75. SoftStyle, 7192 Kalanianaole Hwy., Honolulu, HI 96825. NCP (Aug 87)

Programmer's On-line...or search and replace facilities, making it a more appropriate tool for learning than development. Documentation and use of Mac interface are excellent. $64.95. **Optimized** **Systems** Software, 1221 B Kentwood Ave., San Jose, CA 95129. NCP (Mar 87)

Prolog/m is a solid Prolog following the Edinburgh standard. Has extensive debugging...

13/3,K/6 (Item 5 from file: 275)
DIALOG(R)File 275: Gale Group Computer DB(TM)

01245166 SUPPLIER NUMBER: 06726107 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Minifinders.
MacUser, v4, n7, p268(24)
July, 1988
ISSN: 0884-0997 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 20445 LINE COUNT: 01649

... an icon bar, can be awkward to use. Mac II and color supported. $395. Access Technology, 555c Heritage Harbor, Monterey, CA 93940. NCP (Dec 87)

BUSINESS ACCOUNTING

Accountant, Inc. V2.0 integrates accounts payable, accounts receivable, general ledger, and inventory modules. Prints checks, purchase orders, invoices, customized reports. Bare bones accounting system...

...512K+ and printer. $199.95 per module. Chang Labs, 5300 Stevens Creek Blvd., San Jose, CA 95129. NCP (Dec 85)

Rags to Riches Professional Billing **tracks** and bills professional services. Batches **activities** for individual timekeepers. Use as standalone, or integrate with R to R modules. Requires 5125K+, printer. $395.95. Chang Labs, 5300 Stevens Creek Blvd., San...512K +. $395. Microsoft, 16011 NE 36th Way, Redmond, WA 98073-9717. NCP (Aug 87) * '87 Eddy

STELLA for Business is a simulation tool used to **model** complex business **systems**. Requires that you master a discipline called "**system** dynamics." Requires 512K +. Mac II version available. $350. High Performance Systems, 13 Dartmouth College Hwy., Lyme, NH 03768. NCP (Jun 88)

SuperExpert is an expert...

...if you can. $249.99. DataPak, 14011 Ventura Blvd., Sherman Oaks, CA 91423. CP (Mar 87)

Front Desk lets small businesses and offices easily keep **track** of personnel schedules, **activities**, and payments. The program can keep track of up to 15 employees, functioning as a day-, week-, and month-at-a-glance calendar. $149.95...59.95. Fifth Generation, 1322 Bell Avenue, Tustin, CA 92680. NCP (Dec 87)

Printworks for the Mac is a comprehensive software-based dotmatrix printer control **system**. **Optimizes** printing from different applications, and is easy to use. Requires 512K +. $75. SoftStyle, 7192 Kalanianaole Hwy., Honolulu, HI 96825. NCP (Aug 87)

Programmer's On...or search and replace facilities, making it a more appropriate tool for learning than development. Documentation and use of Mac interface are excellent. $64.95. **Optimized** **Systems** Software,

17/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)

0018562066 E.I. COMPENDEX No: 20083611509222
A low cost tile-based 3D graphics full pipeline with real-time performance monitoring support for OpenGL ES in consumer electronics
Issue Title: 2007 IEEE International Symposium on Consumer Electronics, ISCE
Gu, Ruei-Ting; Yeh, Tse-Chen; Hunag, Wei-Sheng; Huang, Ting-Yun; Tsai, Chung-Hua; Lee, Chung-Nan; Chiang, Ming-Chao; Hsiao, Shen-Fu; Chang, Yun-Nan; Huang, Ing-Jer
Conference Title: 2007 IEEE International Symposium on Consumer Electronics, ISCE
Conference Location: Irving, TX United States Conference Date: 20070620 -20070623
E.I. Conference No.: 73190
Proceedings of the International Symposium on Consumer Electronics, ISCE (Proc. Int. Symp. Consum. Electron. ISCE) (United States) 2007, 07CH37849
Publication Date: 20070101
Publisher: Institute of Electrical and Electronics Engineers Inc.
ISBN: 1424411092; 9781424411092
DOI: 10.1109/ISCE.2007.4382225
Article Number: 4382225
Document Type: Conference Paper; Conference Proceeding Record Type: Abstract
Language: English Summary Language: English
Number of References: 18

...monitoring tool and the bus tracer, the 3D application developer can easily analyze the communication of the components and fine tune the 3D application to **optimize** the entire SoC **system** performance and to satisfy performance/cost constrains on consumer electronics. Both of the hardware and software have been carefully verified and demonstrated on FPGA using...

17/3,K/2 (Item 1 from file: 14)
DIALOG(R)File 14: Mechanical and Transport Engineer Abstract

0001295686 IP ACCESSION NO: 200805-10-762462
Design for reliability and safety approach for the NASA new launch vehicle.

Safie, Fayssal M; Weldon, Danny M
NASA Marshall Space Flight Center, Huntsville, AL, USA

STAR, v 45, n 22, 12 Nov. 2007
PUBLICATION DATE: 2007

PUBLISHER: NASA, Suite 1M32, Washington, DC, 20546-0001
COUNTRY OF PUBLICATION: USA
PUBLISHER URL: http://www.nasa.gov
PUBLISHER EMAIL: public-inquiries@hq.nasa.gov

DOCUMENT TYPE: Journal Article (Abstract Only)
RECORD TYPE: Abstract
LANGUAGE: English
ISSN: 1548-8837
FILE SEGMENT: Mechanical & Transportation Engineering Abstracts

ABSTRACT:
... Operability Design and Analysis' (OD&A) group. This group is an integrated group intended to bring together the engineering, design, and safety organizations together to **optimize** the **system** design for safety, reliability, and cost. On the technical side, the ARES I project has, through the OD&A environment, implemented a probabilistic approach to...

...ARES I Design Analysis Cycle (DAC) pre Preliminary Design (PD) Phase. This functional approach is a probabilistic physics based approach that combines failure probabilities with **system** dynamics and engineering failure impact **models** to **identify** key **system** risk **drivers** and potential **system** **design** requirements. The paper also discusses other probabilistic risk assessment approaches planned by the ARES I project to support the PD phase and beyond.

17/3,K/3 (Item 1 from file: 20)
DIALOG(R)File 20: Dialog Global Reporter

66506538 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Appian and MEGA Unite Best-of-Breed BPM and Enterprise Architecture Software Tools
MARKETWIRE
September 02, 2008
JOURNAL CODE: MWIC LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 764

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... daily operations. In addition, users of the MEGA Modeling Suite will be able to analyze Appian Business Activity Monitoring (BAM) data for further analysis and **process optimization . Finally, IT architects will be able to directly discover object and**

process relationships from EGA in applications built upon Appian for detailed change impact and...

17/3,K/4 (Item 2 from file: 20)
DIALOG(R)File 20: Dialog Global Reporter

51968205 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BEA Systems Announces AquaLogic Business Process Management 5.7; Optimizes Business Processes for SOA
PR NEWSWIRE (US)
October 10, 2006
JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1043

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... from within the design-time modeling environment; -- Process template repository and role directory: for capturing and leveraging best practices across all BPM projects; -- Improved Business-**Activity-Monitoring** (BAM) dashboards
with easy drill- down to detailed process activity data; -- Integration scenarios with WebLogic Integration and AquaLogic Service Bus: offering customers simple integration paths...

17/3,K/5 (Item 3 from file: 20)
DIALOG(R)File 20: Dialog Global Reporter

47596739 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Appian Announces Availability of the Industry's Most Advanced Business Process Management Suite
BUSINESS WIRE
March 07, 2006
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 921

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... web-based, featuring the industry's only AJAX-based process modeler. Requiring no Java applets or ActiveX, Appian Enterprise 5 offers the only truly thin **process modeling**

environment, significantly reducing the cost of distributing **process design**, execution and **optimization** capabilities throughout the extended enterprise. -- Highest Performance BPMS Appian Enterprise 5 fully supports load balancing and fail-over while core enhancements to the process engine ...

17/3,K/6 (Item 4 from file: 20)
DIALOG(R)File 20: Dialog Global Reporter

19779881 (USE FORMAT 7 OR 9 FOR FULLTEXT)
170 Systems and KPMG Consulting to Explore New Trends for Financial Shared Service Centers in Live Webcast
PR NEWSWIRE
November 12, 2001
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 291

... shared service centers -- an optimized model -- Fusing efficient business process design and automation technology to leverage the investment of existing financial systems -- Reducing costs and **identifying** key ROI **drivers** WHAT:
"Extending Classic Financial Shared Service Centers: Centralized Control, Distributed Processing" Live Webcast WHO: Pat Mungovan, 170 Systems, Inc. Joe Hogan, KPMG Consulting Cristin Steyn...

17/3,K/7 (Item 1 from file: 613)
DIALOG(R)File 613: PR Newswire

01106381 20040203DCTU015 (USE FORMAT 7 FOR FULLTEXT)
European IT Firm Ranks webMethods As Outperform in BPM
PR Newswire
Tuesday, February 3, 2004 09:01 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 804

TEXT:
...leading IT analyst firm,
in a January 2004 Technology Audit.

Noting that webMethods' BPM solution delivers "comprehensive functionality
for modeling, executing, monitoring, managing, analyzing and **optimizing**
business **processes**," the Butler Group Technology Audit affirms the company as
an "entirely credible contender in this field, and with its broad range of
integration, business process...

...bridge the gap that exists in most integration projects between business and
IT. By implementing a BPM solution, organizations can provide better
visibility into key **processes**, support **optimization** and enhance business
performance.

The Technology Audit highlights several differentiators that position
webMethods in the "outperform" category for BPM, including: a strong graphical
environment for **process design** and **modeling**, comprehensive support for Web
services and a Service-Oriented Architecture, and a strong focus on customer
support that can help to achieve a reduced implementation...

...Platform," said Tim Jennings, Butler Group Research Director. "By combining its integration strengths with its established workflow solution and with its new portal and business **activity monitoring**
capabilities, webMethods now has a comprehensive, powerful BPM solution for its customers."

"The Butler Group continues to acknowledge that webMethods is a leader and
innovator...

17/3,K/8 (Item 2 from file: 613)
DIALOG(R)File 613: PR Newswire

00674575 20011112NEM047 (USE FORMAT 7 FOR FULLTEXT)
170 Systems and KPMG Consulting to Explore New Trends
PR Newswire
Monday, November 12, 2001 12:37 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 297

TEXT:

...rapid evolution of this model, and share customer success stories and breakthroughs.

Among the topics the Webcast will cover:
-- Next-generation shared service centers -- an **optimized model**
-- Fusing efficient business **process design** and automation technology to leverage the investment of existing financial systems
-- Reducing costs and **identifying** key ROI **drivers**

VI. Additional Resources Searched

EBSCOhost
0 results